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### Supplemental Table 1. References for Nausea Qualification Set

Drug Name	Reference Nausea Incidence	Reference Exposure
Carboplatin	<i>Acta Oncologica</i> <b>29</b> , 593-595 (1990)	<i>J Clin Pharmacol</i> <b>28</b> , 208-215 (1988)
Oxycodone	<i>Curr Med Res Opin</i> <b>25</b> , 765-776 (2009)	<i>Clin Ther</i> <b>18</b> , 95-105 (1996)
Pomalidomide	Pomalidomide. FDA Approval Package. Label 204026/S-000 (2013-02-08). Retrieved from <a href="https://www.pharmapendium.com/browse/fda/Pomalidomide/178f7bb33c2fb5d512a2c79a3c6c8c48?query=constipation&amp;includeSynonyms=true">https://www.pharmapendium.com/browse/fda/Pomalidomide/178f7bb33c2fb5d512a2c79a3c6c8c48?query=constipation&amp;includeSynonyms=true</a>	Pomalidomide. FDA Approval Package. Label 204026/S-000 (2013-02-08). Retrieved from <a href="https://www.pharmapendium.com/browse/fda/Pomalidomide/178f7bb33c2fb5d512a2c79a3c6c8c48?query=constipation&amp;includeSynonyms=true">https://www.pharmapendium.com/browse/fda/Pomalidomide/178f7bb33c2fb5d512a2c79a3c6c8c48?query=constipation&amp;includeSynonyms=true</a>
Cabozantinib	<i>Ann Oncol</i> <b>28</b> , 2813-2819 (2017)	<i>J Clin Pharmacol</i> <b>55</b> , 1293-1302 (2015)
Bortezomib	Bortezomib. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/browse/mosby/Bortezomib/Bortezomib">https://www.pharmapendium.com/browse/mosby/Bortezomib/Bortezomib</a>	Bortezomib. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/browse/mosby/Bortezomib/Bortezomib">https://www.pharmapendium.com/browse/mosby/Bortezomib/Bortezomib</a>
Raltitrexed	Pfizer. (2017). <i>Product Monograph Tomudex (Raltitrexed disodium for Injection)</i> . Retrieved from <a href="https://www.pfizer.ca/sites/g/files/g10050796/f/201710/TOMUDEX_PM.pdf">https://www.pfizer.ca/sites/g/files/g10050796/f/201710/TOMUDEX_PM.pdf</a>	Pfizer. (2017). <i>Product Monograph Tomudex (Raltitrexed disodium for Injection)</i> . Retrieved from <a href="https://www.pfizer.ca/sites/g/files/g10050796/f/201710/TOMUDEX_PM.pdf">https://www.pfizer.ca/sites/g/files/g10050796/f/201710/TOMUDEX_PM.pdf</a>
Tapentadol	<i>Curr Med Res Opin</i> <b>25</b> , 765-776 (2009)	<i>Drugs</i> <b>70</b> , 1719-1743 (2010)
Bosutinib	<i>Haematologica</i> <b>103</b> , 1298-1307 (2018)	Bosutinib Monohydrate. FDA Approval Package. Label 203341/S-015 (Revised 10/2018). Retrieved from <a href="https://www.pharmapendium.com/browse/fda/Bosutinib%20Monohydrate/f5513801f774cb2f3723257e3147c3e9">https://www.pharmapendium.com/browse/fda/Bosutinib%20Monohydrate/f5513801f774cb2f3723257e3147c3e9</a>
Ixabepilone	Ixabepilone. FDA Approval Package. Label 022065/S-006 (2011-10-20). Retrieved from <a href="https://www.pharmapendium.com/browse/fda/Ixabepilone/133ec8399fcb53c2063d1aa6629ba2ec">https://www.pharmapendium.com/browse/fda/Ixabepilone/133ec8399fcb53c2063d1aa6629ba2ec</a>	Ixabepilone. FDA Approval Package. Label 022065/S-006 (2011-10-20). Retrieved from <a href="https://www.pharmapendium.com/browse/fda/Ixabepilone/133ec8399fcb53c2063d1aa6629ba2ec">https://www.pharmapendium.com/browse/fda/Ixabepilone/133ec8399fcb53c2063d1aa6629ba2ec</a>

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Decitabine	Decitabine. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/browse/mosby/Decitabine/Decitabine">https://www.pharmapendium.com/browse/mosby/Decitabine/Decitabine</a>	Eisai. (2010). <i>DACOGEN® (decitabine) for INJECTION: Highlights of Prescribing Information</i> . Retrieved from <a href="https://www.accessdata.fda.gov/drugsatfda_docs/label/2010/021790s006lbl.pdf">https://www.accessdata.fda.gov/drugsatfda_docs/label/2010/021790s006lbl.pdf</a>
Pemetrexed	Pemetrexed Disodium. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/browse/mosby/Pemetrexed%20Disodium/Pemetrexed">https://www.pharmapendium.com/browse/mosby/Pemetrexed%20Disodium/Pemetrexed</a>	Pemetrexed Disodium. FDA Approval Package. Clinical Pharmacology and Biopharmaceutics Review 021462/S-000 Part 01 (2002-10-24). Retrieved from: <a href="https://www.pharmapendium.com/browse/fda/Pemetrexed%20Disodium/6eb6e273a10c29b7aa117782946caadf">https://www.pharmapendium.com/browse/fda/Pemetrexed%20Disodium/6eb6e273a10c29b7aa117782946caadf</a>
Lubiprostone	Lubiprostone. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/browse/mosby/Lubiprostone/Lubiprostone">https://www.pharmapendium.com/browse/mosby/Lubiprostone/Lubiprostone</a>	Lubiprostone. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/browse/mosby/Lubiprostone/Lubiprostone">https://www.pharmapendium.com/browse/mosby/Lubiprostone/Lubiprostone</a>
Varenicline	Varenicline Tartrate. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Varenicline%20Tartrate/Varenicline">https://www.pharmapendium.com/#/browse/mosby/Varenicline%20Tartrate/Varenicline</a>	<i>J Clin Pharmacol</i> <b>46</b> , 1439-1448 (2006)
Ritonavir	Ritonavir. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Ritonavir/Ritonavir">https://www.pharmapendium.com/#/browse/mosby/Ritonavir/Ritonavir</a>	Ritonavir. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Ritonavir/Ritonavir">https://www.pharmapendium.com/#/browse/mosby/Ritonavir/Ritonavir</a>
Mycophenolic acid	Mycophenolic Acid. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Mycophenolic%20Acid/Mycophenolic%20Acid">https://www.pharmapendium.com/#/browse/mosby/Mycophenolic%20Acid/Mycophenolic%20Acid</a>	Mycophenolic Acid. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Mycophenolic%20Acid/Mycophenolic%20Acid">https://www.pharmapendium.com/#/browse/mosby/Mycophenolic%20Acid/Mycophenolic%20Acid</a>
Docetaxel	See Pemetrexed Disodium. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/browse/mosby/Pemetrexed%20Disodium/Pemetrexed">https://www.pharmapendium.com/browse/mosby/Pemetrexed%20Disodium/Pemetrexed</a>	<i>Clin Cancer Res</i> <b>10</b> , 1976-1983 (2004)
Tramadol (ER)	Tramadol Hydrochloride. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Tramadol%20Hydrochloride/Tramadol%20Hydrochloride">https://www.pharmapendium.com/#/browse/mosby/Tramadol%20Hydrochloride/Tramadol%20Hydrochloride</a>	Tramadol Hydrochloride. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Tramadol%20Hydrochloride/Tramadol%20Hydrochloride">https://www.pharmapendium.com/#/browse/mosby/Tramadol%20Hydrochloride/Tramadol%20Hydrochloride</a>
Duloxetine	Duloxetine Hydrochloride. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Duloxetine%20Hydrochloride">https://www.pharmapendium.com/#/browse/mosby/Duloxetine%20Hydrochloride</a>	<i>Clin Pharmacokinet</i> <b>50</b> , 281-294 (2011)

hloride/Duloxetine%20Hydrochloride

Pentostatin	Pentostatin. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Pentostatin/Pentostatin">https://www.pharmapendium.com/#/browse/mosby/Pentostatin/Pentostatin</a>	Pentostatin. FDA Approval Package 020122/S-001 Part 06 (1991-10-11). Retrieved from <a href="https://www.pharmapendium.com/browse/fda/Pentostatin/a3ec8fb5c6bfbde4ca1d0b11732de5ef">https://www.pharmapendium.com/browse/fda/Pentostatin/a3ec8fb5c6bfbde4ca1d0b11732de5ef</a>
Dofetilide	Dofetilide. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Dofetilide/Dofetilide">https://www.pharmapendium.com/#/browse/mosby/Dofetilide/Dofetilide</a>	<i>Br J Clin Pharmacol</i> <b>50</b> , 247-253 (2000)
Febuxostat	Febuxostat. FDA Approval Package. Label 021856/S-013 (2019-02-22). Retrieved from <a href="https://www.pharmapendium.com/browse/fda/Febuxostat/3dbd0fb13eb3428c822846570b4d0861">https://www.pharmapendium.com/browse/fda/Febuxostat/3dbd0fb13eb3428c822846570b4d0861</a>	Febuxostat. FDA Approval Package. Pharmacology Review 021856/S-000 Part 01 (2009-01-05). Retrieved from <a href="https://www.pharmapendium.com/browse/fda/Febuxostat/f82153647be473742615b8a6a2f24fcc">https://www.pharmapendium.com/browse/fda/Febuxostat/f82153647be473742615b8a6a2f24fcc</a>
Amlodipine	Amlodipine Besylate. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Amlodipine%20Besylate/Amlodipine%20Besylate">https://www.pharmapendium.com/#/browse/mosby/Amlodipine%20Besylate/Amlodipine%20Besylate</a>	<i>Clin Pharmacokinet</i> <b>22</b> , 22-31 (1992)
Verapamil	Verapamil Hydrochloride. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Verapamil%20Hydrochloride/Verapamil%20Hydrochloride">https://www.pharmapendium.com/#/browse/mosby/Verapamil%20Hydrochloride/Verapamil%20Hydrochloride</a>	<i>Br J Clin Pharmacol</i> <b>33</b> , 623-627 (1992)
Maprotiline	Maprotiline Hydrochloride. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Maprotiline%20Hydrochloride/Maprotiline%20Hydrochloride">https://www.pharmapendium.com/#/browse/mosby/Maprotiline%20Hydrochloride/Maprotiline%20Hydrochloride</a>	<i>Br J Clin Pharmacol</i> <b>37</b> , 383-388 (1994)
Fesoterodine	Fesoterodine Fumarate. FDA Approval Package. Label 022030/S-009 (2012-08-02). Retrieved from <a href="https://www.pharmapendium.com/#/browse/fda/Fesoterodine%20Fumarate/427218bb4ab95e96610527dfd099ad00">https://www.pharmapendium.com/#/browse/fda/Fesoterodine%20Fumarate/427218bb4ab95e96610527dfd099ad00</a>	Fesoterodine Fumarate. FDA Approval Package. Label 022030/S-009 (2012-08-02). Retrieved from <a href="https://www.pharmapendium.com/#/browse/fda/Fesoterodine%20Fumarate/427218bb4ab95e96610527dfd099ad00">https://www.pharmapendium.com/#/browse/fda/Fesoterodine%20Fumarate/427218bb4ab95e96610527dfd099ad00</a>
Furosemide	<i>Am. J. Med.</i> <b>111</b> , 513-520 (2001)	<i>Clin Pharmacol Ther</i> <b>14</b> , 178-186 (1974)

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Nadolol	Nadolol. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Nadolol/Nadolol">https://www.pharmapendium.com/#/browse/mosby/Nadolol/Nadolol</a>	<i>Eur J Clin Pharmacol</i> <b>26</b> , 125-127 (1984)
Simvastatin	Simvastatin. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Simvastatin/Simvastatin">https://www.pharmapendium.com/#/browse/mosby/Simvastatin/Simvastatin</a>	<i>Clin Pharmacokinet</i> <b>31</b> , 348-371 (1996)
Finasteride	Finasteride. FDA Approval Package. Medical/Clinical Review 020788/S-000 Part 03 (1997-12-19). Retrieved from <a href="https://www.pharmapendium.com/#/browse/fda/Finasteride/fa76d8e4fb4829402ed41ad44706e0d5?query=nausea&amp;includeSynonyms=true">https://www.pharmapendium.com/#/browse/fda/Finasteride/fa76d8e4fb4829402ed41ad44706e0d5?query=nausea&amp;includeSynonyms=true</a>	Finasteride. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Finasteride/Finasteride#Brand%20Name:Propecia">https://www.pharmapendium.com/#/browse/mosby/Finasteride/Finasteride#Brand%20Name:Propecia</a>
Haloperidol	Haloperidol. FDA Approval Package 017079 (1972-01-03). Retrieved from <a href="https://www.pharmapendium.com/#/browse/fda/Haloperidol/734c22981d4d1510f1ca6144b87fd01e?query=nausea&amp;includeSynonyms=true">https://www.pharmapendium.com/#/browse/fda/Haloperidol/734c22981d4d1510f1ca6144b87fd01e?query=nausea&amp;includeSynonyms=true</a>	<i>Clin Pharmacokinet</i> <b>34</b> , 227-263 (1998)
Valsartan	Lancet 370, 221-229 (2007)	<i>Eur J Clin Pharmacol</i> <b>52</b> , 371-378 (1997)
Prednisone	Prednisone. FDA Approval Package. Medical/Clinical Review 202020/S-000 Part 04 (2011-09-27). Retrieved from <a href="https://www.pharmapendium.com/browse/fda/Prednisone/296a610bbfd14db2eb9c8bc2970d46b0?query=constipation&amp;includeSynonyms=true">https://www.pharmapendium.com/browse/fda/Prednisone/296a610bbfd14db2eb9c8bc2970d46b0?query=constipation&amp;includeSynonyms=true</a>	<i>J Clin Pharmacol</i> <b>53</b> , 326-333 (2013)
Oxazepam	Oxazepam. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Oxazepam/Oxazepam">https://www.pharmapendium.com/#/browse/mosby/Oxazepam/Oxazepam</a>	Oxazepam. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Oxazepam/Oxazepam">https://www.pharmapendium.com/#/browse/mosby/Oxazepam/Oxazepam</a>

## Supplemental Table 2. References for Vomiting Qualification Set

Drug Name	Reference Vomiting Incidence	Reference Exposure
Carboplatin	<i>Acta Oncologica</i> <b>29</b> , 593-595 (1990)	<i>J Clin Pharmacol</i> <b>28</b> , 208-215 (1988)
Oxycodone	<i>Curr Med Res Opin</i> <b>25</b> , 765-776 (2009)	<i>Clin Ther</i> <b>18</b> , 95-105 (1996)
Raltitrexed	Pfizer. (2017). <i>Product Monograph Tomudex (Raltitrexed disodium for Injection)</i> . Retrieved from <a href="https://www.pfizer.ca/sites/g/files/g10050796/f/201710/TOMUDEX_PM.pdf">https://www.pfizer.ca/sites/g/files/g10050796/f/201710/TOMUDEX_PM.pdf</a>	Pfizer. (2017). <i>Product Monograph Tomudex (Raltitrexed disodium for Injection)</i> . Retrieved from <a href="https://www.pfizer.ca/sites/g/files/g10050796/f/201710/TOMUDEX_PM.pdf">https://www.pfizer.ca/sites/g/files/g10050796/f/201710/TOMUDEX_PM.pdf</a>
Bosutinib	<i>Haematologica</i> <b>103</b> , 1298-1307 (2018)	Bosutinib Monohydrate. FDA Approval Package. Label 203341/S-015 (Revised 10/2018). Retrieved from <a href="https://www.pharmapendium.com/browse/fda/Bosutinib%20Monohydrate/f5513801f774cb2f3723257e3147c3e9">https://www.pharmapendium.com/browse/fda/Bosutinib%20Monohydrate/f5513801f774cb2f3723257e3147c3e9</a>
Bortezomib	Bortezomib. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/browse/mosby/Bortezomib/Bortezomib">https://www.pharmapendium.com/browse/mosby/Bortezomib/Bortezomib</a>	Bortezomib. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/browse/mosby/Bortezomib/Bortezomib">https://www.pharmapendium.com/browse/mosby/Bortezomib/Bortezomib</a>
Tapentadol	<i>Curr Med Res Opin</i> <b>25</b> , 765-776 (2009)	<i>Drugs</i> <b>70</b> , 1719-1743 (2010)
Ixabepilone	Ixabepilone. FDA Approval Package. Label 022065/S-006 (2011-10-20). Retrieved from <a href="https://www.pharmapendium.com/browse/fda/Ixabepilone/133ec8399fcb53c2063d1aa6629ba2ec">https://www.pharmapendium.com/browse/fda/Ixabepilone/133ec8399fcb53c2063d1aa6629ba2ec</a>	Ixabepilone. FDA Approval Package. Label 022065/S-006 (2011-10-20). Retrieved from <a href="https://www.pharmapendium.com/browse/fda/Ixabepilone/133ec8399fcb53c2063d1aa6629ba2ec">https://www.pharmapendium.com/browse/fda/Ixabepilone/133ec8399fcb53c2063d1aa6629ba2ec</a>
Cinacalcet	Cinacalcet Hydrochloride. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Cinacalcet%20Hydrochloride/Cinacalcet%20Hydrochloride">https://www.pharmapendium.com/#/browse/mosby/Cinacalcet%20Hydrochloride/Cinacalcet%20Hydrochloride</a>	<i>Clin Drug Investig</i> <b>34</b> , 537-544 (2014)

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Cabozantinib	<i>Ann Oncol</i> <b>28</b> , 2813-2819 (2017)	<i>J Clin Pharmacol</i> <b>55</b> , 1293-1302 (2015)
Decitabine	Decitabine. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/browse/mosby/Decitabine/Decitabine">https://www.pharmapendium.com/browse/mosby/Decitabine/Decitabine</a>	Eisai. (2010). <i>DACOGEN® (decitabine) for INJECTION: Highlights of Prescribing Information</i> . Retrieved from <a href="https://www.accessdata.fda.gov/drugsatfda_docs/label/2010/021790s006lbl.pdf">https://www.accessdata.fda.gov/drugsatfda_docs/label/2010/021790s006lbl.pdf</a>
Pemetrexed	Pemetrexed Disodium. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/browse/mosby/Pemetrexed%20Disodium/Pemetrexed">https://www.pharmapendium.com/browse/mosby/Pemetrexed%20Disodium/Pemetrexed</a>	Pemetrexed Disodium. FDA Approval Package. Clinical Pharmacology and Biopharmaceutics Review 021462/S-000 Part 01 (2002-10-24). Retrieved from: <a href="https://www.pharmapendium.com/browse/fda/Pemetrexed%20Disodium/6eb6e273a10c29b7aa117782946caadf">https://www.pharmapendium.com/browse/fda/Pemetrexed%20Disodium/6eb6e273a10c29b7aa117782946caadf</a>
Mycophenolic acid	Mycophenolic Acid. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Mycophenolic%20Acid/Mycophenolic%20Acid">https://www.pharmapendium.com/#/browse/mosby/Mycophenolic%20Acid/Mycophenolic%20Acid</a>	Mycophenolic Acid. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Mycophenolic%20Acid/Mycophenolic%20Acid">https://www.pharmapendium.com/#/browse/mosby/Mycophenolic%20Acid/Mycophenolic%20Acid</a>
Docetaxel	See Pemetrexed Disodium. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/browse/mosby/Pemetrexed%20Disodium/Pemetrexed">https://www.pharmapendium.com/browse/mosby/Pemetrexed%20Disodium/Pemetrexed</a>	<i>Clin Cancer Res</i> <b>10</b> , 1976-1983 (2004)
Ritonavir	Ritonavir. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Ritonavir/Ritonavir">https://www.pharmapendium.com/#/browse/mosby/Ritonavir/Ritonavir</a>	Ritonavir. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Ritonavir/Ritonavir">https://www.pharmapendium.com/#/browse/mosby/Ritonavir/Ritonavir</a>
Varenicline	Varenicline Tartrate. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Varenicline%20Tartrate/Varenicline">https://www.pharmapendium.com/#/browse/mosby/Varenicline%20Tartrate/Varenicline</a>	<i>J Clin Pharmacol</i> <b>46</b> , 1439-1448 (2006)
Duloxetine	Duloxetine Hydrochloride. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Duloxetine%20Hydrochloride/Duloxetine%20Hydrochloride">https://www.pharmapendium.com/#/browse/mosby/Duloxetine%20Hydrochloride/Duloxetine%20Hydrochloride</a>	<i>Clin Pharmacokinet</i> <b>50</b> , 281-294 (2011)
Lubiprostone	Lubiprostone. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Lubiprostone/Lubiprostone">https://www.pharmapendium.com/#/browse/mosby/Lubiprostone/Lubiprostone</a>	Lubiprostone. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Lubiprostone/Lubiprostone">https://www.pharmapendium.com/#/browse/mosby/Lubiprostone/Lubiprostone</a>

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Amlodipine	Amlodipine Besylate. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Amlodipine%20Besylate/Amlodipine%20Besylate">https://www.pharmapendium.com/#/browse/mosby/Amlodipine%20Besylate/Amlodipine%20Besylate</a>	<i>Clin Pharmacokinet</i> <b>22</b> , 22-31 (1992)
Furosemide	<i>Am. J. Med.</i> <b>111</b> , 513-520 (2001)	<i>Clin Pharmacol Ther</i> <b>14</b> , 178-186 (1974)
Nadolol	Nadolol. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Nadolol/Nadolol">https://www.pharmapendium.com/#/browse/mosby/Nadolol/Nadolol</a>	<i>Eur J Clin Pharmacol</i> <b>26</b> , 125-127 (1984)
Simvastatin	Simvastatin. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Simvastatin/Simvastatin">https://www.pharmapendium.com/#/browse/mosby/Simvastatin/Simvastatin</a>	<i>Clin Pharmacokinet</i> <b>31</b> , 348-371 (1996)
Prednisone	Prednisone. FDA Approval Package. Medical/Clinical Review 202020/S-000 Part 04 (2011-09-27). Retrieved from <a href="https://www.pharmapendium.com/browse/fda/Prednisone/296a610bbfd14db2eb9c8bc2970d46b0?query=constipation&amp;includeSynonyms=true">https://www.pharmapendium.com/browse/fda/Prednisone/296a610bbfd14db2eb9c8bc2970d46b0?query=constipation&amp;includeSynonyms=true</a>	<i>J Clin Pharmacol</i> <b>53</b> , 326-333 (2013)
Verapamil	Verapamil Hydrochloride. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Verapamil%20Hydrochloride/Verapamil%20Hydrochloride">https://www.pharmapendium.com/#/browse/mosby/Verapamil%20Hydrochloride/Verapamil%20Hydrochloride</a>	<i>Br J Clin Pharmacol</i> <b>33</b> , 623-627 (1992)
Valsartan	Valsartan. Mosby's Drug Consult (2006). <a href="https://www.pharmapendium.com/browse/mosby/Valsartan/Valsartan">https://www.pharmapendium.com/browse/mosby/Valsartan/Valsartan</a>	<i>Eur J Clin Pharmacol</i> <b>52</b> , 371-378 (1997)
Maprotiline	Maprotiline Hydrochloride. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Maprotiline%20Hydrochloride/Maprotiline%20Hydrochloride">https://www.pharmapendium.com/#/browse/mosby/Maprotiline%20Hydrochloride/Maprotiline%20Hydrochloride</a>	<i>Br J Clin Pharmacol</i> <b>37</b> , 383-388 (1994)

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Haloperidol	Haloperidol. FDA Approval Package 017079 (1972-01-03). Retrieved from <a href="https://www.pharmapendium.com/#/browse/fda/Haloperidol/734c22981d4d1510f1ca6144b87fd01e?query=nausea&amp;includeSynonyms=true">https://www.pharmapendium.com/#/browse/fda/Haloperidol/734c22981d4d1510f1ca6144b87fd01e?query=nausea&amp;includeSynonyms=true</a>	<i>Clin Pharmacokinet</i> <b>34</b> , 227-263 (1998)
Guaifenesin	Guaifenesin. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/browse/mosby/Guaifenesin/Guaifenesin">https://www.pharmapendium.com/browse/mosby/Guaifenesin/Guaifenesin</a>	<i>Clin Pharmacol Drug Dev</i> <b>2</b> , 25-32 (2013)
Oxazepam	Oxazepam. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Oxazepam/Oxazepam">https://www.pharmapendium.com/#/browse/mosby/Oxazepam/Oxazepam</a>	Oxazepam. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Oxazepam/Oxazepam">https://www.pharmapendium.com/#/browse/mosby/Oxazepam/Oxazepam</a>
Dofetilide	Dofetilide. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Dofetilide/Dofetilide">https://www.pharmapendium.com/#/browse/mosby/Dofetilide/Dofetilide</a>	<i>Br J Clin Pharmacol</i> <b>50</b> , 247-253 (2000)
Fesoterodine	Fesoterodine Fumarate. FDA Approval Package. Medical/Clinical Review 022030/S-000 Part 02 (2007-01-25). Retrieved from <a href="https://www.pharmapendium.com/browse/fda/Fesoterodine%20Fumarate/bcb6ed914742fb95590f3c31c1e8622d?query=vomiting&amp;includeSynonyms=true">https://www.pharmapendium.com/browse/fda/Fesoterodine%20Fumarate/bcb6ed914742fb95590f3c31c1e8622d?query=vomiting&amp;includeSynonyms=true</a>	Fesoterodine Fumarate. FDA Approval Package. Label 022030/S-009 (2012-08-02). Retrieved from <a href="https://www.pharmapendium.com/#/browse/fda/Fesoterodine%20Fumarate/427218bb4ab95e96610527dfd099ad00">https://www.pharmapendium.com/#/browse/fda/Fesoterodine%20Fumarate/427218bb4ab95e96610527dfd099ad00</a>
Febuxostat	Febuxostat. FDA Approval Package. Label 021856/S-013 (2019-02-22). Retrieved from <a href="https://www.pharmapendium.com/browse/fda/Febuxostat/3dbd0fb13eb3428c822846570b4d0861">https://www.pharmapendium.com/browse/fda/Febuxostat/3dbd0fb13eb3428c822846570b4d0861</a>	Febuxostat. FDA Approval Package. Pharmacology Review 021856/S-000 Part 01 (2009-01-05). Retrieved from <a href="https://www.pharmapendium.com/browse/fda/Febuxostat/f82153647be473742615b8a6a2f24fcc">https://www.pharmapendium.com/browse/fda/Febuxostat/f82153647be473742615b8a6a2f24fcc</a>



**Supplemental Table 3. References for Constipation Qualification Set**

<b>Drug Name</b>	<b>Reference Incidence</b>	<b>Reference Exposure</b>
Clomipramine	Clomipramine Hydrochloride. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Clomipramine%20Hydrochloride/Clomipramine%20Hydrochloride">https://www.pharmapendium.com/#/browse/mosby/Clomipramine%20Hydrochloride/Clomipramine%20Hydrochloride</a>	Clomipramine Hydrochloride. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Clomipramine%20Hydrochloride/Clomipramine%20Hydrochloride">https://www.pharmapendium.com/#/browse/mosby/Clomipramine%20Hydrochloride/Clomipramine%20Hydrochloride</a>
Bortezomib	Bortezomib. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/browse/mosby/Bortezomib/Bortezomib">https://www.pharmapendium.com/browse/mosby/Bortezomib/Bortezomib</a>	Bortezomib. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/browse/mosby/Bortezomib/Bortezomib">https://www.pharmapendium.com/browse/mosby/Bortezomib/Bortezomib</a>
Pomalidomide	Pomalidomide. FDA Approval Package. Label 204026/S-000 (2013-02-08). Retrieved from <a href="https://www.pharmapendium.com/browse/fda/Pomalidomide/178f7bb33c2fb5d512a2c79a3c6c8c48?query=constipation&amp;includeSynonyms=true">https://www.pharmapendium.com/browse/fda/Pomalidomide/178f7bb33c2fb5d512a2c79a3c6c8c48?query=constipation&amp;includeSynonyms=true</a>	Pomalidomide. FDA Approval Package. Label 204026/S-000 (2013-02-08). Retrieved from <a href="https://www.pharmapendium.com/browse/fda/Pomalidomide/178f7bb33c2fb5d512a2c79a3c6c8c48?query=constipation&amp;includeSynonyms=true">https://www.pharmapendium.com/browse/fda/Pomalidomide/178f7bb33c2fb5d512a2c79a3c6c8c48?query=constipation&amp;includeSynonyms=true</a>
Decitabine	Decitabine. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/browse/mosby/Decitabine/Decitabine">https://www.pharmapendium.com/browse/mosby/Decitabine/Decitabine</a>	Eisai. (2010). <i>DACOGEN® (decitabine) for INJECTION: Highlights of Prescribing Information</i> . Retrieved from <a href="https://www.accessdata.fda.gov/drugsatfda_docs/label/2010/021790s006lbl.pdf">https://www.accessdata.fda.gov/drugsatfda_docs/label/2010/021790s006lbl.pdf</a>
Alosetron	Alosetron Hydrochloride. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Alosetron%20Hydrochloride/Alosetron%20Hydrochloride">https://www.pharmapendium.com/#/browse/mosby/Alosetron%20Hydrochloride/Alosetron%20Hydrochloride</a>	<i>Women's Health</i> <b>3</b> , 15-27 (2007)
Cabozantinib	<i>Ann Oncol</i> <b>28</b> , 2813-2819 (2017)	<i>J Clin Pharmacol</i> <b>55</b> , 1293-1302 (2015)
Clozapine	Clozapine. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Clozapine/Clozapine">https://www.pharmapendium.com/#/browse/mosby/Clozapine/Clozapine</a>	Clozapine. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Clozapine/Clozapine">https://www.pharmapendium.com/#/browse/mosby/Clozapine/Clozapine</a>

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Hydromorphone	<i>BMC Palliat Care</i> <b>7</b> , 17, doi: 10.1186/1472-684X-7-17 (2008)	Hydromorphone Hydrochloride. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Hydromorphone%20Hydrochloride/Hydromorphone%20Hydrochloride">https://www.pharmapendium.com/#/browse/mosby/Hydromorphone%20Hydrochloride/Hydromorphone%20Hydrochloride</a>
Tramadol (ER)	Tramadol Hydrochloride. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Tramadol%20Hydrochloride/Tramadol%20Hydrochloride">https://www.pharmapendium.com/#/browse/mosby/Tramadol%20Hydrochloride/Tramadol%20Hydrochloride</a>	Tramadol Hydrochloride. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Tramadol%20Hydrochloride/Tramadol%20Hydrochloride">https://www.pharmapendium.com/#/browse/mosby/Tramadol%20Hydrochloride/Tramadol%20Hydrochloride</a>
Oxycodone	<i>Curr Med Res Opin</i> <b>25</b> , 765-776 (2009)	<i>Clin Ther</i> <b>18</b> , 95-105 (1996)
Odansetron	<i>Ann Oncol</i> <b>7</b> , 945-952 (1996)	<i>Pharmacotherapy</i> <b>18</b> , 288-294 (1998)
Duloxetine	Duloxetine Hydrochloride. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Duloxetine%20Hydrochloride/Duloxetine%20Hydrochloride">https://www.pharmapendium.com/#/browse/mosby/Duloxetine%20Hydrochloride/Duloxetine%20Hydrochloride</a>	<i>Clin Pharmacokinet</i> <b>50</b> , 281-294 (2011)
Morphine	<i>BMC Palliat Care</i> <b>7</b> , 17, doi: 10.1186/1472-684X-7-17 (2008)	Morphine Sulfate. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Morphine%20Sulfate/Morphine%20Sulfate">https://www.pharmapendium.com/#/browse/mosby/Morphine%20Sulfate/Morphine%20Sulfate</a>
Cabergoline	Cabergoline. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Cabergoline/Cabergoline">https://www.pharmapendium.com/#/browse/mosby/Cabergoline/Cabergoline</a>	Cabergoline. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Cabergoline/Cabergoline">https://www.pharmapendium.com/#/browse/mosby/Cabergoline/Cabergoline</a>
Voriconazole	Voriconazole. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Voriconazole/Voriconazole">https://www.pharmapendium.com/#/browse/mosby/Voriconazole/Voriconazole</a>	Voriconazole. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Voriconazole/Voriconazole">https://www.pharmapendium.com/#/browse/mosby/Voriconazole/Voriconazole</a>
Amlodipine	Amlodipine Besylate. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Amlodipine%20Besylate/Amlodipine%20Besylate">https://www.pharmapendium.com/#/browse/mosby/Amlodipine%20Besylate/Amlodipine%20Besylate</a>	<i>Clin Pharmacokinet</i> <b>22</b> , 22-31 (1992)
Nadolol	Nadolol. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Nadolol/Nadolol">https://www.pharmapendium.com/#/browse/mosby/Nadolol/Nadolol</a>	<i>Eur J Clin Pharmacol</i> <b>26</b> , 125-127 (1984)

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Lubiprostone	Lubiprostone. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/browse/mosby/Lubiprostone/Lubiprostone">https://www.pharmapendium.com/browse/mosby/Lubiprostone/Lubiprostone</a>	Lubiprostone. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/browse/mosby/Lubiprostone/Lubiprostone">https://www.pharmapendium.com/browse/mosby/Lubiprostone/Lubiprostone</a>
Simvastatin	Simvastatin. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Simvastatin/Simvastatin">https://www.pharmapendium.com/#/browse/mosby/Simvastatin/Simvastatin</a>	<i>Clin Pharmacokinet</i> <b>31</b> , 348-371 (1996)
Zolmitriptan	Zolmitriptan. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Zolmitriptan/Zolmitriptan">https://www.pharmapendium.com/#/browse/mosby/Zolmitriptan/Zolmitriptan</a>	Zolmitriptan. FDA Approval Package. Clinical Pharmacology and Biopharmaceutics Review 020768 (1997-09-10). Retrieved from <a href="https://www.pharmapendium.com/browse/fda/Zolmitriptan/08677a5ed621a2b5955031c355a7420a">https://www.pharmapendium.com/browse/fda/Zolmitriptan/08677a5ed621a2b5955031c355a7420a</a>
Dofetilide	Dofetilide. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Dofetilide/Dofetilide">https://www.pharmapendium.com/#/browse/mosby/Dofetilide/Dofetilide</a>	<i>Br J Clin Pharmacol</i> <b>50</b> , 247-253 (2000)
Prednisone	Prednisone. FDA Approval Package. Medical/Clinical Review 202020/S-000 Part 04 (2011-09-27). Retrieved from <a href="https://www.pharmapendium.com/browse/fda/Prednisone/296a610bbfd14db2eb9c8bc2970d46b0?query=constipation&amp;includeSynonyms=true">https://www.pharmapendium.com/browse/fda/Prednisone/296a610bbfd14db2eb9c8bc2970d46b0?query=constipation&amp;includeSynonyms=true</a>	<i>J Clin Pharmacol</i> <b>53</b> , 326-333 (2013)
Fomepizole	Fomepizole. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/browse/mosby/Fomepizole/Fomepizole">https://www.pharmapendium.com/browse/mosby/Fomepizole/Fomepizole</a>	Fomepizole. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/browse/mosby/Fomepizole/Fomepizole">https://www.pharmapendium.com/browse/mosby/Fomepizole/Fomepizole</a>
Trimethoprim	Trimethoprim. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Trimethoprim/Trimethoprim">https://www.pharmapendium.com/#/browse/mosby/Trimethoprim/Trimethoprim</a>	<i>Br J Clin Pharmacol</i> <b>47</b> , 255-259 (1999)
Oxazepam	Oxazepam. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Oxazepam/Oxazepam">https://www.pharmapendium.com/#/browse/mosby/Oxazepam/Oxazepam</a>	Oxazepam. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Oxazepam/Oxazepam">https://www.pharmapendium.com/#/browse/mosby/Oxazepam/Oxazepam</a>
Ritonavir	Ritonavir. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Ritonavir/Ritonavir">https://www.pharmapendium.com/#/browse/mosby/Ritonavir/Ritonavir</a>	Ritonavir. Mosby's Drug Consult. (2006). <a href="https://www.pharmapendium.com/#/browse/mosby/Ritonavir/Ritonavir">https://www.pharmapendium.com/#/browse/mosby/Ritonavir/Ritonavir</a>

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