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Figure S3



Dunbar, R.C. Mass Spectrom. Rev. 2004, 23, 127.

E.A.L. Gillis, M. Demireva, K. Nanda, G.J.O. Beran, E. Williams, and T.D. Fridgen *Phys. Chem. Chem. Phys.* 2012, 14, 3304. $Na(9-ethylguanine)_8^+$



Figure S4.

 $K(9-ethylguanine)_8^+$



 $Rb(9-ethylguanine)_8^+$







Na(9eG) ₈ ⁺	$K(9eG)_8^+$	$Rb(9eG)_8^+$	$Cs(9eG)_8^+$
$k_{322} = 1.20(\pm 0.02) \times 10^{-2} \mathrm{s}^{-1}$	—	—	_
$k_{333} = 4.45(\pm 0.04) \times 10^{-2} \mathrm{s}^{-1}$		_	_
$k_{341} = 7.48(\pm 0.07) \times 10^{-2} \mathrm{s}^{-1}$			$k_{342} = 1.98(\pm 0.09) \times 10^{-4} \mathrm{s}^{-1}$
$k_{347} = 1.42(\pm 0.02) \times 10^{-1} \mathrm{s}^{-1}$	_	_	$k_{351} = 1.06 \ (\pm 0.03) \times 10^{-3} \ s^{-1}$
$k_{355} = 2.60(\pm 0.02) \times 10^{-1} \mathrm{s}^{-1}$	$k_{355} = 1.06(\pm 0.03) \times 10^{-4} \mathrm{s}^{-1}$	$k_{357} = 2.13(\pm 0.16) \times 10^{-4} \mathrm{s}^{-1}$	$k_{355} = 1.63(\pm 0.22) \times 10^{-3} \mathrm{s}^{-1}$
$k_{363} = 4.47(\pm 0.04) \times 10^{-1} \text{ s}^{-1}$	$k_{364} = 5.24(\pm 0.07) \times 10^{-4} \mathrm{s}^{-1}$	$k_{367} = 6.88(\pm 0.32) \times 10^{-4} \mathrm{s}^{-1}$	$k_{361} = 4.87(\pm 0.10) \times 10^{-3} \mathrm{s}^{-1}$
$k_{380} = 1.21(\pm 0.02) \mathrm{s}^{-1}$	$k_{380} = 5.70(\pm 0.02) \times 10^{-3} \mathrm{s}^{-1}$	$k_{380} = 6.40(\pm 0.11) \times 10^{-3} \mathrm{s}^{-1}$	$k_{379} = 3.97(\pm 0.11) \times 10^{-2} \mathrm{s}^{-1}$
$k_{388} = 1.73(\pm 0.02) \text{ s}^{-1}$	$k_{386} = 2.10(\pm 0.03) \times 10^{-2} \mathrm{s}^{-1}$	$k_{389} = 1.88(\pm 0.01) \times 10^{-2} \mathrm{s}^{-1}$	$k_{386} = 9.19(\pm 0.09) \times 10^{-2} \mathrm{s}^{-1}$
$k_{397} = 2.68(\pm 0.02) \text{ s}^{-1}$	$k_{398} = 5.36(\pm 0.04) \times 10^{-2} \mathrm{s}^{-1}$	$k_{403} = 7.77(\pm 0.06) \times 10^{-2} \mathrm{s}^{-1}$	$k_{399} = 267(\pm 0.02) \times 10^{-1} \mathrm{s}^{-1}$





time / s





















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