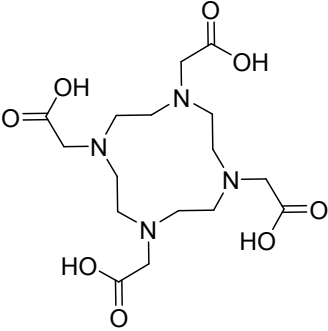
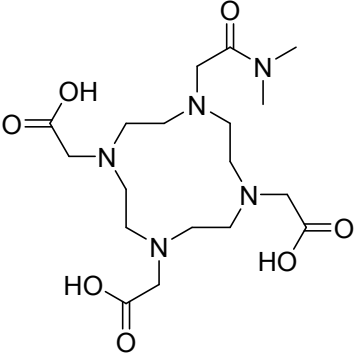
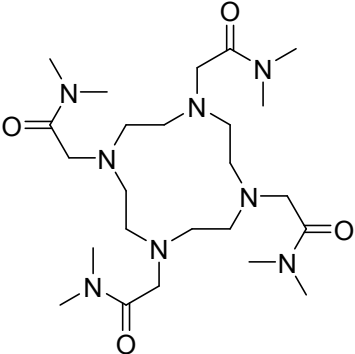
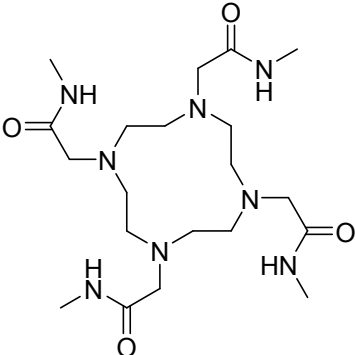
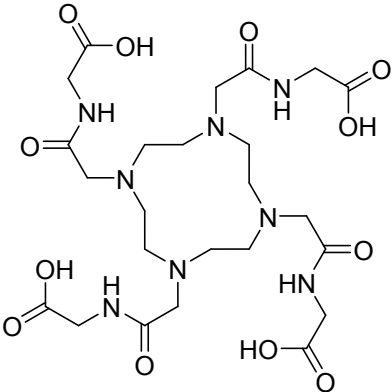
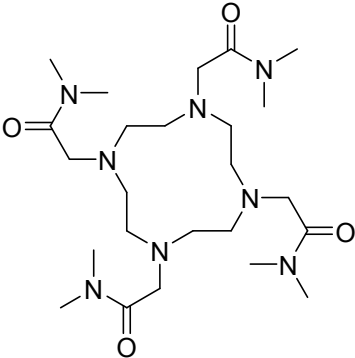
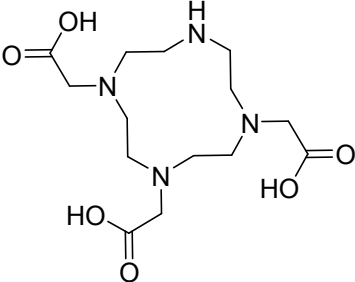
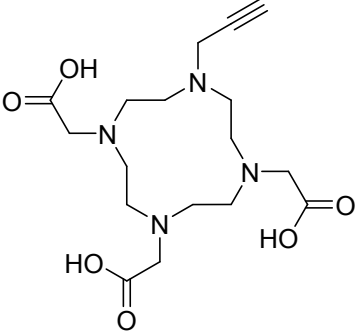
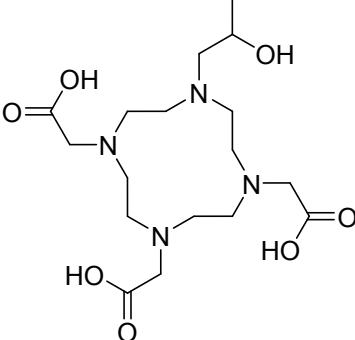


Supporting information for:

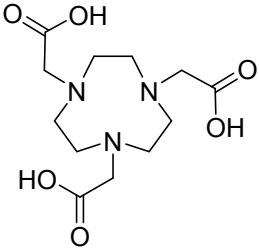
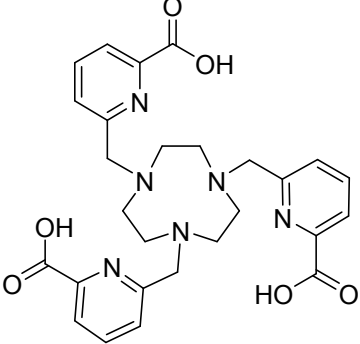
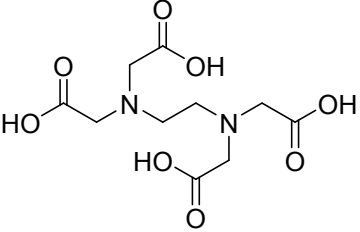
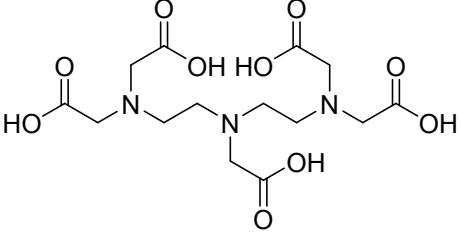
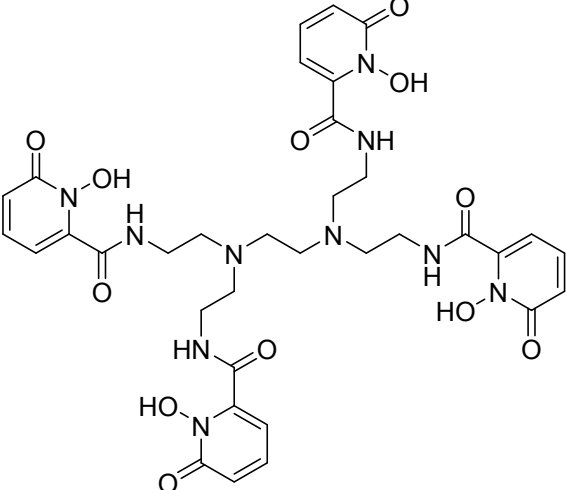
Composed in the *f*-block: solution structure and function of kinetically inert lanthanide(III) complexes

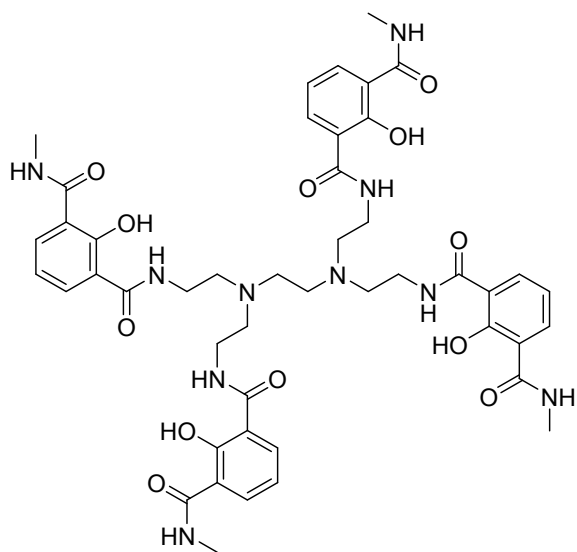
Lea G. Nielsen, Anne Kathrine R. Junker and Thomas Just Sørensen*

Structure	Trivial Name	Systematic Name
	DOTA	1,4,7,10-tetraazacyclododecane-1,4,7,10-tetraacetic acid
	DOTA-monoamide	1,4,7,10-tetraazacyclododecane-1,4,7,10-tetraacetic acid mono(<i>N,N</i> -dimethyl)amide
	DOTA-tetraamide	(1,4,7,10-tetraazacyclododecane-1,4,7,10-tetrayl)tetrakis(<i>N,N</i> -dimethylacetamide)
	DOTAM-Me	<i>N,N',N'',N'''</i> -tetramethyl-1,4,7,10-tetraazacyclododecane-1,4,7,10-tetraacetamide

	DOTAM-Gly	<i>N,N',N'',N'''</i> -tetraglycine-1,4,7,10-tetraazacyclododecane-1,4,7,10-tetraacetamide
	DOTTA	<i>N,N,N',N',N'',N'',N''',N'''</i> -octamethyl-1,4,7,10-tetraazacyclododecane-1,4,7,10-tetraacetamide
	DO3A	1,4,7,10-tetraazacyclododecane-1,4,7-triacetic acid
	DO3A-propargyl	10-(prop-2-ynyl)-1,4,7,10-tetraazacyclododecane-1,4,7-triacetic acid
	HPDO3A	10-(2-hydroxypropyl)-1,4,7,10-tetraazacyclododecane-1,4,7-triacetic acid

	DO3A-triazolyl	(10-((1H-1,2,3-triazol-4-yl)methyl)-1,4,7,10-tetraazacyclododecane-1,4,7-triyl)triacetic acid
	DO3APBP	(10-(((2,2-diphosphonoethyl)(hydroxy)phosphoryl)methyl)-1,4,7,10-tetraazacyclododecane-1,4,7-triyl)triacetic acid
	Gadobutrol	1,4,7,10-Tetraazacyclododecane-1,4,7-triacetic acid, 10-[[1R,2S)-2,3-dihydroxy-1-(hydroxymethyl)propyl]-, gadolinium salt
	PCTA	3,6,9,15-tetraazabicyclo(9,3,1) pentadecane-1(15),11,13-triene-3,6,9-triacetic acid
	DO2A2P(1,2)	((1,4,7,10-tetraazacyclododecane-1,7-diyl)bis(methylene))bis(phosphonic acid)

	NOTA	1,4,7-triazacyclononane-1,4,7-triacetic acid
	tpatcn	((1,4,7-triazonane-1,4,7-triyl)tris(methylene))tripicolinic acid
	EDTA	Ethylenediaminetetraacetic acid
	DTPA	Diethylenetriaminepentaacetic acid
	H(2,2)-1,2-HOPO	N,N',N'',N'''-((ethane-1,2-diylbis(azanetriyl))tetrakis(ethane-2,1-diyl))tetrakis(1-hydroxy-6-oxo-1,6-dihydropyridine-2-carboxamide)



H(2,2)-IAM

N1,N1',N1'',N1'''-((ethane-1,2-diylbis(azanetriyl))tetrakis(ethane-2,1-diyl))tetrakis(2-hydroxy-N3-methylisophthalamide)