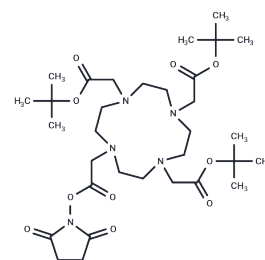


DOTA-tris(tBu)ester NHS ester

Chemical Properties

CAS No. :	819869-77-7
Formula:	C ₃₂ H ₅₅ N ₅ O ₁₀
Molecular Weight:	669.81
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	DOTA-tris(tBu)ester NHS ester, a derivative of DOTA, serves for the labeling of peptides and antibodies.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.493 mL	7.4648 mL	14.9296 mL
5 mM	0.2986 mL	1.493 mL	2.9859 mL
10 mM	0.1493 mL	0.7465 mL	1.493 mL
50 mM	0.0299 mL	0.1493 mL	0.2986 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Wängler C, et, al. Improved syntheses and applicability of different DOTA building blocks for multiply derivatized scaffolds. *Bioorg Med Chem.* 2008 Mar 1; 16(5): 2606-16.

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