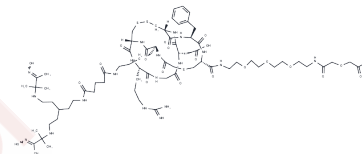


Maraciclátide

Chemical Properties

CAS No. :	489427-17-0
Formula:	C72H120N20O21S3
Molecular Weight:	1698.05
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Maraciclátide is a radiopharmaceutical targeting $\alpha\beta 3$ integrin.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5889 mL	2.9446 mL	5.8891 mL
5 mM	0.1178 mL	0.5889 mL	1.1778 mL
10 mM	0.0589 mL	0.2945 mL	0.5889 mL
50 mM	0.0118 mL	0.0589 mL	0.1178 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

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O'Connor MK, Morrow MMB, Hunt KN, Boughey JC, Wahner-Roedler DL, Conners AL, Rhodes DJ, Hruska CB. Comparison of Tc-99m maraciclátide and Tc-99m sestamibi molecular breast imaging in patients with suspected breast cancer. *EJNMMI Res*. 2017 Dec;7(1):5. doi: 10.1186/s13550-017-0255-6. Epub 2017 Jan 14. PubMed PMID: 28091980; PubMed Central PMCID: PMC5237435.

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