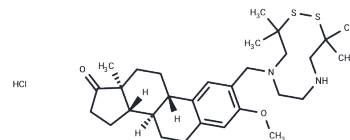


Dads-E

Chemical Properties

CAS No. : 108736-70-5
Formula: C₃₀H₄₇ClN₂O₂S₂
Molecular Weight: 567.29
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Dads-E can be used to label small molecule technetium 99M with diaminodimercaptan. DADT-FA was marked at room temperature and DADT-E was marked at elevated temperature in ethanol, both of which were reduced by stannous.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7628 mL	8.8138 mL	17.6277 mL
5 mM	0.3526 mL	1.7628 mL	3.5255 mL
10 mM	0.1763 mL	0.8814 mL	1.7628 mL
50 mM	0.0353 mL	0.1763 mL	0.3526 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.

Reference

Liang FH, Virzi F, Hnatowich DJ. The use of diaminodithiol for labeling small molecules with technetium-99m. Int J Rad Appl Instrum B. 1987;14(1):63-7. PubMed PMID: 3583757.

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