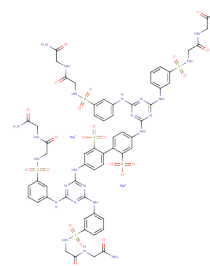


RFI-641

Chemical Properties

CAS No. : 197366-24-8
 Formula: C₅₈H₆₀N₂₄Na₂O₂₂S₆
 Molecular Weight: 1683.61
 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	RFI-641 is a dendrimer-like compound with anti-RSV properties and is effective in vitro and in vivo activity.
Targets(IC50)	Others,RSV

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.594 mL	2.9698 mL	5.9396 mL
5 mM	0.1188 mL	0.594 mL	1.1879 mL
10 mM	0.0594 mL	0.297 mL	0.594 mL
50 mM	0.0119 mL	0.0594 mL	0.1188 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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- Weiss WJ, Murphy T, Lynch ME, Frye J, Buklan A, Gray B, Lenoy E, Mitelman S, O'Connell J, Quartuccio S, Huntley C. Inhalation efficacy of RFI-641 in an African green monkey model of RSV infection. *J Med Primatol*. 2003 Apr;32(2):82-8. PubMed PMID: 12823630.
- Razinkov V, Gazumyan A, Nikitenko A, Ellestad G, Krishnamurthy G. RFI-641 inhibits entry of respiratory syncytial virus via interactions with fusion protein. *Chem Biol*. 2001 Jul;8(7):645-59. PubMed PMID: 11451666.

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