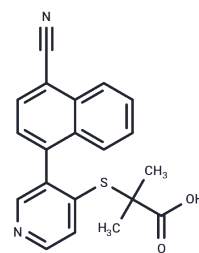


Verinurad

Chemical Properties

CAS No. :	1352792-74-5
Formula:	C ₂₀ H ₁₆ N ₂ O ₂ S
Molecular Weight:	348.42
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	Verinurad (RDEA3170) (RDEA3170) is an organic anion transporter URAT1 (SLC22A12) inhibitor for the treatment of gout and hyperuricemia.
Targets(IC50)	OAT

Solubility Information

Solubility	DMSO: 45 mg/mL (129.15 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8701 mL	14.3505 mL	28.701 mL
5 mM	0.574 mL	2.8701 mL	5.7402 mL
10 mM	0.287 mL	1.435 mL	2.8701 mL
50 mM	0.0574 mL	0.287 mL	0.574 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

Diaz-Torné C, Perez-Herrero N, Perez-Ruiz F. New medications in development for the treatment of hyperuricemia of gout. *Curr Opin Rheumatol.* 2015 Mar;27(2):164-9.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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