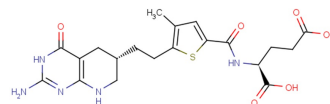


Pelitrexol

Chemical Properties

CAS No.:	446022-33-9
Formula:	C ₂₀ H ₂₅ N ₅ O ₆ S
Molecular Weight:	463.51
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Pelitrexol (AG 2037) is a glycinamide ribonucleotide formyltransferase (GARFT) inhibitor.
Targets(IC ₅₀)	GARFT: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.157 mL	10.787 mL	21.575 mL
5 mM	0.431 mL	2.157 mL	4.315 mL
10 mM	0.216 mL	1.079 mL	2.157 mL
50 mM	0.043 mL	0.216 mL	0.431 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Emmanuel N, et al. Purine Nucleotide Availability Regulates mTORC1 Activity through the Rheb GTPase. Cell Rep. 2017 Jun 27;19(13):2665-2680.

Inhibitors · Natural Compounds · Compound Libraries

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