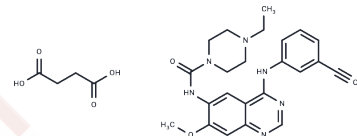


Epitinib succinate

Chemical Properties

CAS No. :	2252334-12-4
Formula:	C ₂₈ H ₃₂ N ₆ O ₆
Molecular Weight:	548.59
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	Epitinib succinate (HMPL-813 succinate) is an orally active and brain penetration EGFR tyrosine kinase inhibitor and can be used in studies about cancer.
Targets(IC50)	EGFR

Solubility Information

Solubility	DMSO: 1 mg/mL (1.82 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 1 mg/mL (1.82 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8229 mL	9.1143 mL	18.2285 mL
5 mM	0.3646 mL	1.8229 mL	3.6457 mL
10 mM	0.1823 mL	0.9114 mL	1.8229 mL
50 mM	0.0365 mL	0.1823 mL	0.3646 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

Zhou et al. The safety profile of a selective EGFR TKI epitinib (HMPL-813) in patients with advanced solid tumors and preliminary clinical efficacy in EGFRm+ NSCLC patients with brain metastasis. Journal of Clinical Oncology 2016 34:15_suppl, e20502-e20502

Zhou et al. Phase I study of the safety and pharmacokinetics of epitinib, an oral EGFR tyrosine kinase inhibitor, in patients with advanced solid tumors. Journal of Clinical Oncology 2013 31:15_suppl, e19042-e19042

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