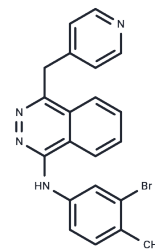


NVP-ACC789

Chemical Properties

CAS No. : 300842-64-2
 Formula: C₂₁H₁₇BrN₄
 Molecular Weight: 405.29
 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	ACC-789 (NVP-ACC789 (ZK202650); ZK-202650) is an effective, specific and orally active inhibitor of the VEGF receptor tyrosine kinases.
Targets(IC50)	PDGFR,VEGFR

Solubility Information

Solubility	DMSO: 60 mg/mL (148.04 mM),Sonication and heating are recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (4.93 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	2.4674 mL	12.3368 mL	24.6737 mL
5 mM	0.4935 mL	2.4674 mL	4.9347 mL
10 mM	0.2467 mL	1.2337 mL	2.4674 mL
50 mM	0.0493 mL	0.2467 mL	0.4935 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

Tille JC, et al. Vascular endothelial growth factor (VEGF) receptor-2 antagonists inhibit VEGF- and basicfibroblast growth factor-induced angiogenesis in vivo and in vitro. J Pharmacol Exp Ther. 2001 Dec;299(3):1073-85.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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