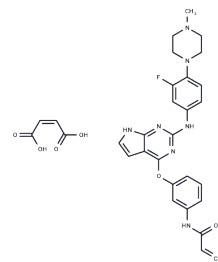


Avitinib maleate

Chemical Properties

CAS No. :	1557268-88-8
Formula:	C30H30FN7O6
Molecular Weight:	603.61
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Avitinib maleate is a pyrrolopyrimidine-based irreversible epidermal growth factor receptor (EGFR) inhibitor.
Targets(IC50)	EGFR

Solubility Information

Solubility	DMSO: 300 mg/mL (497.01 mM), Sonication is recommended. (< 1 mg/mL refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6567 mL	8.2835 mL	16.567 mL
5 mM	0.3313 mL	1.6567 mL	3.3134 mL
10 mM	0.1657 mL	0.8283 mL	1.6567 mL
50 mM	0.0331 mL	0.1657 mL	0.3313 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.

Reference

- Xu X. Parallel phase 1 clinical trials in the US and in China, et al. Chin J Cancer. 2015 Jul 8;34(7):285-7.
 Vujic I, Sanlorenzo M, Esteve-Puig R, Vujic M, Kwong A, et al. Oncotarget. 2016 Feb 9;7(6):7297-306.
 Hulce JJ, Joslyn C, Speers AE, et al. Bethesda (MD): National Center for Biotechnology Information (US); 2010-.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 36 Washington Street, Wellesley Hills, MA 02481