

Tarlox-TKI

Chemical Properties

CAS No. : 2135696-72-7

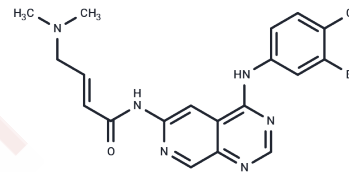
Formula: C₁₉H₁₈BrClN₆O

Molecular Weight: 461.74

Appearance: no data available

Storage: store at low temperature

Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Tarlox-TKI (Kinase inhibitor-1) is a pan-ErbB inhibitor, the active ingredient of Tarloxotinib, with antitumor activity. Tarlox-TKI inhibits NRG1 and suppresses HER2 mutants.
Targets(IC50)	EGFR
In vitro	Tarlox-TKI is a kinase inhibitor that targets EGFR, becoming a therapeutic target for many cancer types[1].

Solubility Information

Solubility	DMSO: 80 mg/mL (173.26 mM), Sonification 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	2.1657 mL	10.8286 mL	21.6572 mL
5 mM	0.4331 mL	2.1657 mL	4.3314 mL
10 mM	0.2166 mL	1.0829 mL	2.1657 mL
50 mM	0.0433 mL	0.2166 mL	0.4331 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

Jeffrey Bruce Smaill, et al. Kinase inhibitors, prodrug forms thereof and their use in therapy. US9101632B2.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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