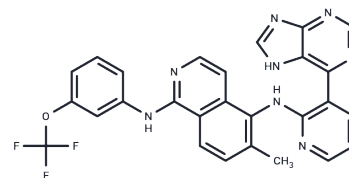


LUT014

Chemical Properties

CAS No. : 2274819-46-2
 Formula: C₂₇H₁₉F₃N₈O
 Molecular Weight: 528.49
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	LUT014 is a B-Raf inhibitor (IC ₅₀ : 11.7 nM) and developed to decrease dose-limiting acneiform lesions associated with EGFR Inhibitors treatment.
Targets(IC ₅₀)	Raf

Solubility Information

Solubility	DMSO: 50 mg/mL (94.61 mM), Sonication is recommended. H ₂ O: < 0.1 mg/mL (insoluble), < 1 mg/ml refers to the product slightly soluble or insoluble
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8922 mL	9.4609 mL	18.9218 mL
5 mM	0.3784 mL	1.8922 mL	3.7844 mL
10 mM	0.1892 mL	0.9461 mL	1.8922 mL
50 mM	0.0378 mL	0.1892 mL	0.3784 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

Noa Shelach. Novel braf inhibitors and use there of for treatment of cutaneous reactions. WO2019026065A2.

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