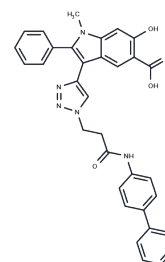


II-B08

Chemical Properties

CAS No. : 1143579-78-5
Formula: C₃₃H₂₇N₅O₄
Molecular Weight: 557.6
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	II-B08 is a cell-permeable SHP2 inhibitor (IC ₅₀ = 5.5 μM). II-B08 blocks growth factor stimulated ERK1/2 activation and hematopoietic progenitor proliferation.
-------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7934 mL	8.967 mL	17.934 mL
5 mM	0.3587 mL	1.7934 mL	3.5868 mL
10 mM	0.1793 mL	0.8967 mL	1.7934 mL
50 mM	0.0359 mL	0.1793 mL	0.3587 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

Sharma N, Everingham S, Zeng LF, Zhang ZY, Kapur R, Craig AW. Oncogenic KIT-induced aggressive systemic mastocytosis requires SHP2/PTPN11 phosphatase for disease progression in mice. *Oncotarget*. 2014 Aug 15;5(15):

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