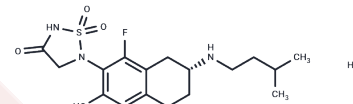


Osunprotafib hydrochloride

Chemical Properties

CAS No. :	2986745-48-4
Formula:	C17H25ClFN3O4S
Molecular Weight:	421.92
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	Osunprotafib (ABBV-CLS-484) hydrochloride is an orally active, selective inhibitor targeting the active sites of PTPN1 (IC50: 2.5nM) and PTPN2 (IC50: 1.8nM). It shows 6-8 times weaker activity towards PTPN9 and no detectable activity against SHP-1 or SHP-2. This compound enhances the sensitivity of human cancer cell lines to IFN γ . By boosting JAK-STAT signaling and reducing T cell dysfunction, Osunprotafib hydrochloride exhibits potent antitumor immunity.
Targets(IC50)	Phosphatase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3701 mL	11.8506 mL	23.7012 mL
5 mM	0.474 mL	2.3701 mL	4.7402 mL
10 mM	0.237 mL	1.1851 mL	2.3701 mL
50 mM	0.0474 mL	0.237 mL	0.474 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.

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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