

Ifebemtinib hydrochloride

Chemical Properties

CAS No. :

Formula: C₂₈H₂₉ClF₄N₆O₄

Molecular Weight: 625.01

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	Ifebemtinib (BI-853520) hydrochloride is a potent FAK (focal adhesion kinase) inhibitor with oral bioavailability, exhibiting an IC ₅₀ of 1 nM for recombinant FAK. Ifebemtinib hydrochloride demonstrates antiproliferative activity against cancer cells.
Targets(IC ₅₀)	FAK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.600 mL	7.9999 mL	15.9997 mL
5 mM	0.320 mL	1.600 mL	3.1999 mL
10 mM	0.160 mL	0.800 mL	1.600 mL
50 mM	0.032 mL	0.160 mL	0.320 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

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