

Ibetazol

Chemical Properties

CAS No. :

Formula: C₁₃H₁₁F₃N₂O₅

Molecular Weight: 300.3

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	Ibetazol is an inhibitor of importin β 1 (KPNB1), which functions by binding to Cys585 of importin β 1, thus preventing importin β 1-mediated nuclear import with an EC ₅₀ of 6.1 μ M.
Targets(IC ₅₀)	Ras

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.330 mL	16.650 mL	33.300 mL
5 mM	0.666 mL	3.330 mL	6.660 mL
10 mM	0.333 mL	1.665 mL	3.330 mL
50 mM	0.0666 mL	0.333 mL	0.666 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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