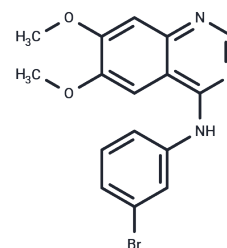


PD153035

Chemical Properties

CAS No. : 153436-54-5
 Formula: C₁₆H₁₄BrN₃O₂
 Molecular Weight: 360.21
 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	PD153035 (NSC-669364) hydrochloride is an effective and selective inhibitor of EGFR (Ki/IC50: 5.2/29 pM, in cell-free assays); little inhibitory against FGFR, PGDFR, InsR, CSF-1 and Src.
Targets(IC50)	EGFR

Solubility Information

Solubility	DMSO: 5 mg/mL (13.88 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7762 mL	13.8808 mL	27.7616 mL
5 mM	0.5552 mL	2.7762 mL	5.5523 mL
10 mM	0.2776 mL	1.3881 mL	2.7762 mL
50 mM	0.0555 mL	0.2776 mL	0.5552 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.

Reference

Fry DW, et al. Science. 1994, 265(5175), 1093-1095.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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