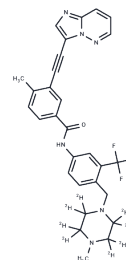


Ponatinib-D8

Chemical Properties

CAS No. :	1562993-37-6
Formula:	C ₂₉ H ₂₇ F ₃ N ₆ O
Molecular Weight:	540.61
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	Ponatinib-D8 is a deuterium labeled Ponatinib. Ponatinib (T2372) is an orally active inhibitor of multi-targeted kinase (Abl, PDGFR α , VEGFR2, FGFR1, and Src with IC ₅₀ s of 0.37 nM, 1.1 nM, 1.5 nM, 2.2 nM, and 5.4 nM, respectively).
Targets(IC ₅₀)	FGFR,Bcr-Abl,Autophagy,PDGFR,Src,VEGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8498 mL	9.2488 mL	18.4976 mL
5 mM	0.370 mL	1.8498 mL	3.6995 mL
10 mM	0.185 mL	0.9249 mL	1.8498 mL
50 mM	0.037 mL	0.185 mL	0.370 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

O'Hare T, et al. AP24534, a pan-BCR-ABL inhibitor for chronic myeloid leukemia, potently inhibits the T315I mutant and overcomes mutation-based resistance. Cancer Cell, 2009, 16(5), 401-412.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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