

Zanubrutinib-D5

Chemical Properties

CAS No. :

Formula: C27H29N5O3

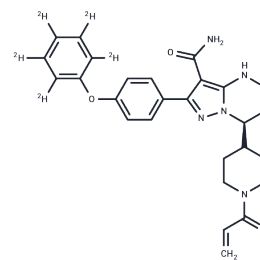
Molecular Weight: 476.58

Storage:

Keep away from direct sunlight, Keep away from moisture, Store at low temperature

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	Zanubrutinib-D5, a deuterium-labeled Zanubrutinib (T7584), is an orally available Bruton's tyrosine kinase inhibitor for the study of B-cell malignancies.
Targets(IC50)	BTK

Solubility Information

Solubility	DMSO: 20 mg/mL (41.97 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	2.0983 mL	10.4914 mL	20.9828 mL
5 mM	0.4197 mL	2.0983 mL	4.1966 mL
10 mM	0.2098 mL	1.0491 mL	2.0983 mL
50 mM	0.042 mL	0.2098 mL	0.4197 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

Na Li, et al. BGB-3111 is a novel and highly selective Bruton's tyrosine kinase (BTK) inhibitor. [abstract]. Cancer Res 2015;75(15 Suppl): 2597.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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