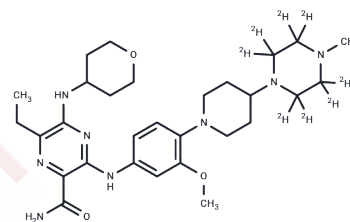


Gilteritinib-D8

Chemical Properties

CAS No. :	2377109-74-3
Formula:	C ₂₉ H ₃₆ D ₈ N ₈ O ₃
Molecular Weight:	560.76
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	Gilteritinib-D8 is a deuterated compound of Gilteritinib. Gilteritinib (T4409) has a CAS number of 1254053-43-4. Gilteritinib (T4409) is a potent inhibitor at the FMS-related tyrosine kinase 3 (FLT3) and AXL tyrosine kinase receptors (IC ₅₀ = 0.29 nM and <1 nM, respectively). In preClinicalal studies, gilteritinib showed strong antileukemic and antitumor effects. Gilteritinib (T4409) is currently in several Phase 3 Clinicalal trials for acute myeloid leukemia.
Targets(IC50)	FLT,TAM Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7833 mL	8.9165 mL	17.8329 mL
5 mM	0.3567 mL	1.7833 mL	3.5666 mL
10 mM	0.1783 mL	0.8916 mL	1.7833 mL
50 mM	0.0357 mL	0.1783 mL	0.3567 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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