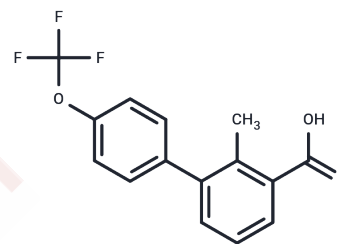


LGE-899

Chemical Properties

CAS No. : 1221722-10-6
 Formula: C₁₅H₁₁F₃O₃
 Molecular Weight: 296.24
 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	LGE-899 (Sonidegib metabolite M48) is a main metabolite of Sonidegib which is an inhibitor of the hedgehog pathway. The Tmax of LGE-899(60 h) is much longer than Sonidegib.
Targets(IC50)	Drug Metabolite

Solubility Information

Solubility	DMSO: 10 mg/mL (33.76 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	3.3756 mL	16.8782 mL	33.7564 mL
5 mM	0.6751 mL	3.3756 mL	6.7513 mL
10 mM	0.3376 mL	1.6878 mL	3.3756 mL
50 mM	0.0675 mL	0.3376 mL	0.6751 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

Markus Zollinger, et al. Absorption, distribution, metabolism, and excretion (ADME) of ¹⁴C-sonidegib (LDE225) in healthy volunteers. Cancer Chemother Pharmacol. 2014 Jul;74(1):63-75.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481