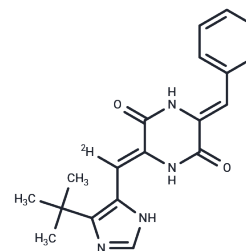


MBRI-001

Chemical Properties

CAS No. : 2054938-28-0
 Formula: C₁₉H₂₀N₄O₂
 Molecular Weight: 337.39
 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	MBRI-001 is a deuterium-substituted plinabulin derivative and a potent anti-cancer agent with better pharmacokinetic characteristics and lower toxicity.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9639 mL	14.8196 mL	29.6393 mL
5 mM	0.5928 mL	2.9639 mL	5.9279 mL
10 mM	0.2964 mL	1.482 mL	2.9639 mL
50 mM	0.0593 mL	0.2964 mL	0.5928 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

Ding Z, Cheng H, Wang S, Hou Y, Zhao J, Guan H, Li W. Development of MBRI-001, a deuterium-substituted plinabulin derivative as a potent anti-cancer agent. *Bioorg Med Chem Lett*. 2017 Mar 15;27(6):1416-1419. doi: 10.1016/j.bmcl.2017.01.096. PubMed PMID: 28228362.

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