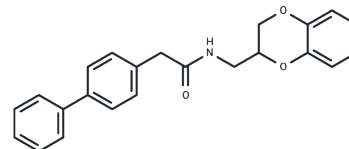


AIMP2-DX2-IN-1

Chemical Properties

CAS No. : 848256-17-7
Formula: C₂₃H₂₁NO₃
Molecular Weight: 359.42
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	AIMP2-DX2-IN-1 is a potent AIMP2-DX2 inhibitor with potential antitumor activity for the study of lymphoma.
Targets(IC50)	Others
In vitro	At a duration of 96 hours and concentrations ranging from 0 to 1 μ M, AIMP2-DX2-IN-1 (Compound 35) demonstrates inhibitory activity against A549 and H460 cells while exhibiting no toxicity for normal cells [1].AIMP2-DX2-IN-1 exhibits very poor metabolic stability and good plasma stability in both human and mouse. Improvement in CYP inhibition is necessary [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7823 mL	13.9113 mL	27.8226 mL
5 mM	0.5565 mL	2.7823 mL	5.5645 mL
10 mM	0.2782 mL	1.3911 mL	2.7823 mL
50 mM	0.0556 mL	0.2782 mL	0.5565 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.

Reference

Lee B, et al. Discovery of benzodioxane analogues as lead candidates of AIMP2-DX2 inhibitors. Bioorg Med Chem Lett. 2022 Jul 13;73:128889.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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