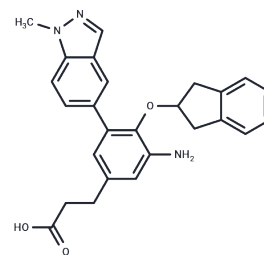


AK-106

Chemical Properties

CAS No. : 590416-75-4
 Formula: C₂₆H₂₅N₃O₃
 Molecular Weight: 427.49
 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	AK-106, also known as AK106-001616, is a selective inhibitor of cytosolic phospholipase A2 (cPLA2) inhibitor. AK-106 has been shown to have analgesic activities similar to non-steroidal anti-inflammatory drugs (NSAIDs).
Targets(IC50)	Others, Phospholipase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3392 mL	11.6962 mL	23.3924 mL
5 mM	0.4678 mL	2.3392 mL	4.6785 mL
10 mM	0.2339 mL	1.1696 mL	2.3392 mL
50 mM	0.0468 mL	0.2339 mL	0.4678 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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