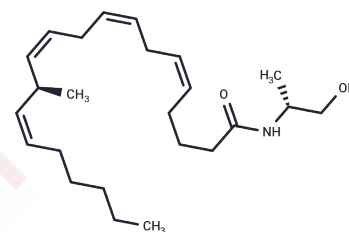


AMG-315

Chemical Properties

CAS No. :	2244425-65-6
Formula:	C ₂₄ H ₄₁ NO ₂
Molecular Weight:	375.59
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	AMG-315 is a Potent Endocannabinoid Ligand with Stability to Metabolizing Enzymes. AMG-315 is a chiral arachidonoyl ethanolamide (AEA) analogue or (13S,1'R)-dimethylanandamide. AMG-315 is a high affinity ligand for the CB1 receptor (K _i of 7.8 ± 1.4 nM) that behaves as a potent CB1 agonist in vitro (EC ₅₀ = 0.6 ± 0.2 nM). AMG-315 is the first potent AEA analogue with significant stability for all endocannabinoid hydrolyzing enzymes as well as the oxidative enzymes COX-2. AMG-315 will serve as a very useful endocannabinoid probe.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6625 mL	13.3124 mL	26.6248 mL
5 mM	0.5325 mL	2.6625 mL	5.325 mL
10 mM	0.2662 mL	1.3312 mL	2.6625 mL
50 mM	0.0532 mL	0.2662 mL	0.5325 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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