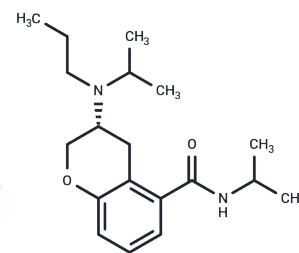


Ebalzotan

Chemical Properties

CAS No. :	149494-37-1
Formula:	C ₁₉ H ₃₀ N ₂ O ₂
Molecular Weight:	318.45
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	Ebalzotan (NAE 086) is a 5-HT _{1A} receptor agonist that can be used to study depression.
Targets(IC ₅₀)	5-HT Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1402 mL	15.7011 mL	31.4021 mL
5 mM	0.628 mL	3.1402 mL	6.2804 mL
10 mM	0.314 mL	1.5701 mL	3.1402 mL
50 mM	0.0628 mL	0.314 mL	0.628 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

Brenna E, et al. Synthesis of robalzotan, ebalzotan, and rotigotine precursors via the stereoselective multienzymatic cascade reduction of α,β -unsaturated aldehydes. *J Org Chem*. 2013 May 17;78(10):4811-22.
Citoler J, et al. Synthesis of Pharmaceutically Relevant 2-Aminotetralin and 3-Aminochroman Derivatives via Enzymatic Reductive Amination. *Angew Chem Int Ed Engl*. 2021 Nov 8;60(46):24456-24460.

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