

BMS641

Chemical Properties

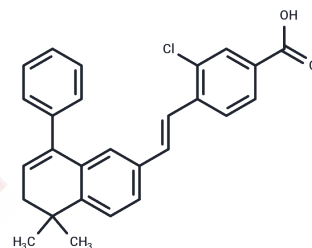
CAS No. : 369364-50-1

Formula: C₂₇H₂₃ClO₂

Molecular Weight: 414.92

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	BMS641 (BMS-209641) is a selective and potent RAR β agonist with high affinity for RAR β , which synergistically activates RAR β and RAR γ to induce cellular maturation into specialized neuronal subtypes.
Targets(IC50)	Retinoid Receptor

Solubility Information

Solubility	DMSO: 5 mg/mL (12.05 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4101 mL	12.0505 mL	24.101 mL
5 mM	0.482 mL	2.4101 mL	4.8202 mL
10 mM	0.241 mL	1.2051 mL	2.4101 mL
50 mM	0.0482 mL	0.241 mL	0.482 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

Germain P, et al. Rational design of RAR-selective ligands revealed by RAR β crystal structure. EMBO Rep. 2004;5 (9):877-882.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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