
Product Data Sheet

Product Name: MB-07344 sodium

Cat. No.: GC39495

Chemical Properties

Cas. No.

SMILES CC1=C(CC2=CC=C(O)C(C(C)C)=C2)C(C)=CC(OCP(O)(O)=O)=C1.[Na]

Formula $C_{19}H_{25}NaO_5P$ M.Wt 387.36

Solubility DMSO: 300 mg/mL (774.47 mM) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

Background

MB-07344 sodium is a potent thyroid hormone receptor (TR)- β agonist with a K_i of 2.17 nM. MB-07344 sodium has additive cholesterol lowering activity in combination with Atorvastatin in rabbits, dogs and monkeys[1].

[1]. Ito BR, et al. Thyroid hormone beta receptor activation has additive cholesterol lowering activity in combination with atorvastatin in rabbits, dogs and monkeys. Br J Pharmacol. 2009 Feb;156(3):454-65.

Caution: Product has not been fully validated for medical applications. For research use only.

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