

BMS-986121 biochemical

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CATALOG #
AAA228635

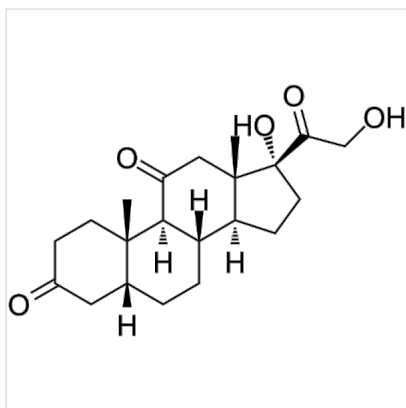
PRODUCT SYNONYMS

BMS-986121; BMS-986121 biochemical

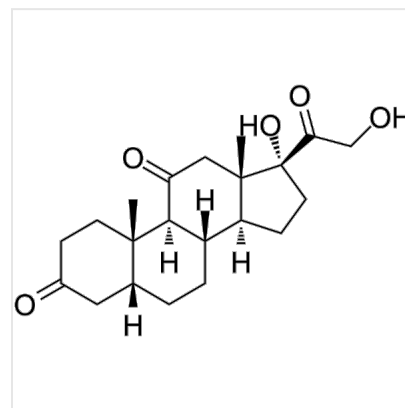
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	313671-26-0
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	BMS-986121 (1 μ M–1 mM) significantly augments the beta-arrestin-recruitment response produced by a low concentration of endomorphin-I (PAM-detection mode). BMS-986121 significantly increases the inhibition of forskolin-stimulated adenylyl cyclase activity produced by a μ EC 10 (30 pM) concentration of endomorphin-I in CHOu cells. BMS-986121 (100 μ M) produces leftward shifts in the potency of endomorphin-I (fourfold), morphine (fivefold), and leu-enkephalin (sixfold), in inhibition of forskolin-stimulated cAMP-accumulation assays in CHO-u cells[1].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
5beta-Dihydrocortisone, CAS 68-54-2



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ADDITIONAL INFORMATION

Related Product Information for BMS-986121 biochemical	BMS-986121 is a positive allosteric modulator (PAM) of the μ opioid receptor extracted from patent WO2014107344. BMS-986121 is built on a chemical scaffold representing a new chemotype for μ receptor PAMs.
References	1. Nikolaos Nikolaou, et al. AKR1D1 regulates glucocorticoid availability and glucocorticoid receptor activation in human hepatoma cells. J Steroid Biochem Mol Biol

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

