

Product Name : ATR-101 free base

Synonyms : ATR101;Nevanimibe;PD-132301

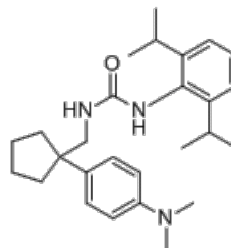
Cat No. : M11356

CAS Number : 133825-80-6

Molecular Formula : C₂₇H₃₉N₃O

Formula Weight : 421.63

Chemical Name : 1-(2,6-diisopropylphenyl)-3-((1-(4-(dimethylamino)phenyl)cyclopentyl)methyl)urea



Description : ATR-101 (PD-132301, Nevanimibe) is a selective and potent inhibitor of ACAT1 with IC₅₀ of 52 nM; induces H295R cell apoptosis, causes mitochondrial hyperpolarization, reactive oxygen release, and ATP depletion, caspase-3/7 activation, and membrane permeabilization; decreases the formation of cholesteryl esters and increases FC levels in H295R adrenocortical carcinoma cells; inhibits the establishment and impedes the growth of ACC-derived H295R cell xenografts in mice; orally active. Cushing Disease Phase 2 Clinical

Pathway : Others

Target : Other Targets

Receptor : Other Targets

Solubility : —

SMILES : O=C(NCC1(C=CC(N(C)C)C=C2CCCC1)NC3=C(C(C)C)C=CC=C3C(C)C

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. LaPensee CR, et al. Endocrinology. 2016 May;157(5):1775-88. | 2. Trivedi BK, et al. J Med Chem. 1994 May 27;37(11):1652-9. | 3. Cheng Y, et al. Endocr Relat Cancer. 2016 Apr;23(4):1-19.