

PD 144418 oxalate Biochemical | PD144418 biochemical

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CATALOG #
AAA227902

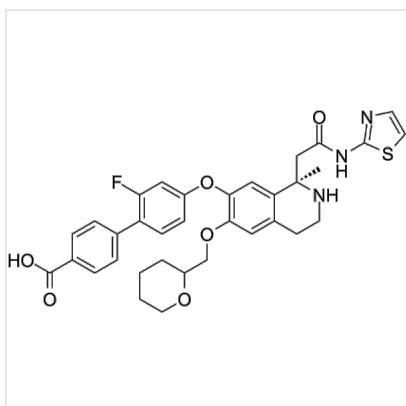
PRODUCT SYNONYMS

PD 144418 oxalate; PD144418 biochemical

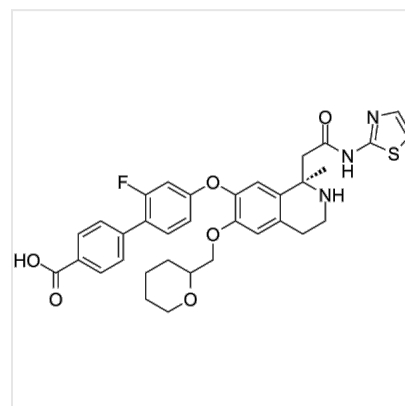
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	1794760-28-3
Targets&IC50	sigma2 receptor:1377 nM (Ki), sigma1 receptor:0.08 nM (Ki)
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	PD 144418 (10 mg/kg; intraperitoneal injection; male CD-1 mice) treatment antagonizes Mescaline-induced scratching at doses that did not alter spontaneous motor activity, with PD 144418 showing ED 50 values of 7.0 mg/kg i.p.[1]. Animal Model: Male CD-1 mice induced with Mescaline[1]. Dosage: 10 mg/kg. Administration: intraperitoneal injection; once. Result: Antagonized mescaline-induced scratching at doses that did not alter spontaneous motor activity.
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
PCSK9 degrader 1, CAS 2215931-60-3



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ADDITIONAL INFORMATION

Related Product Information for PD144418 biochemical	PD 144418 oxalate is a highly affinity, potent and selective sigma 1 (sigma1) receptor ligand (K _i values of 0.08 nM and 1377 nM for sigma1 and sigma2 respectively). PD 144418 oxalate devoids of any significant affinity for other receptors, ion channels and enzymes. PD 144418 oxalate shows potential antipsychotic activity.
References	1. Whitney L Petrilli, et al. From Screening to Targeted Degradation: Strategies for the Discovery and Optimization of Small Molecule Ligands for PCSK9. Cell Chem Biol. 2020 Jan 16;27(1):32-40.e3.

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.

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Online datasheet: <https://stage.aaabiotech.com/pd144418-biochemical/pd-144418-oxalate/227902>