

Deltarasin

Catalog No: tcsc1611



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

1440898-61-2

Formula:

$C_{40}H_{37}N_5O$

Pathway:

Metabolic Enzyme/Protease

Target:

Phosphodiesterase (PDE)

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 42 mg/mL (69.57 mM)

Observed Molecular Weight:

603.75

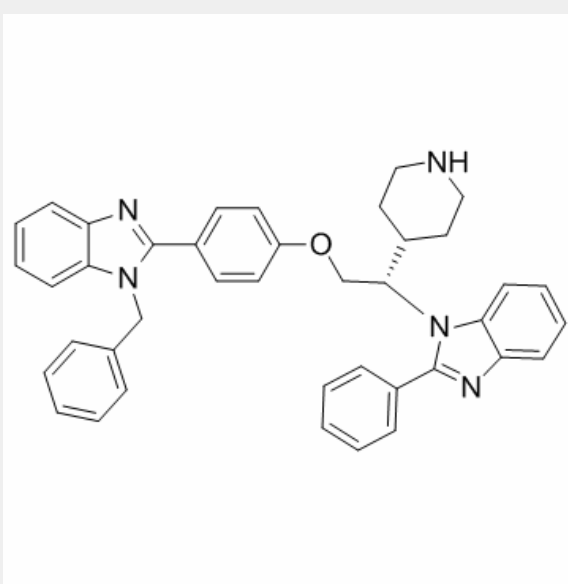
Product Description

Deltarasin is an inhibitor of **KRAS-PDE6** interaction with **K_d** of 38 nM for binding to purified PDE6.

IC50 & Target: Kd: 38 nM (PDE6)

In Vitro: In liver cells, deltarasin inhibits the interaction of RAS with PDE6 with K_d of 41 nM. Inhibition of PDE6-KRAS interaction by deltarasin suppresses proliferation of human pancreatic ductal adenocarcinoma cells that are dependent on oncogenic KRAS^[1].

In Vivo: Deltarasin (10 mg/kg, i.p.) impairs dose-dependent tumor growth in nude mice bearing subcutaneous human Panc-Tu-1 tumour cell xenografts^[1].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!