

A-317491

Catalog No: tcsc1250



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg



Specifications

CAS No:

475205-49-3

Formula:

$C_{33}H_{27}NO_8$

Pathway:

Membrane Transporter/Ion Channel;Autophagy

Target:

P2X Receptor;Autophagy

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 47 mg/mL (83.10 mM); H₂O :

Observed Molecular Weight:

565.57

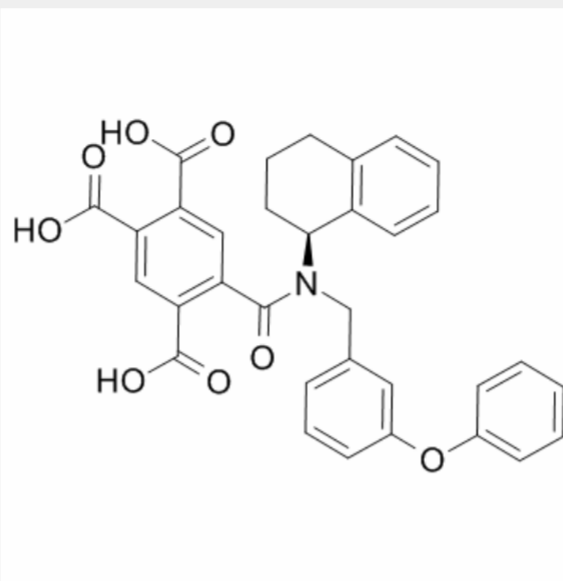
Product Description

A-317491 is a non-nucleotide P2X₃ and P2X_{2/3} receptor antagonist, which inhibits calcium flux mediated by the receptors.

IC₅₀ value:

Target: P2X2/3

It is known that P2X3 and P2X2/3 receptors stimulate the pronociceptive effects of ATP upon activation. Studies indicate that the P2X3 receptor is implicated in both neuropathic and inflammatory pain. P2X3 receptor is a promising target for therapeutic intervention in cancer patients for pain management.



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