Web: www.taiclone.com
Tel: +886-2-2735-9682
Email: order@taiclone.com

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 P2X2/3 receptor antagonist, which inhibits calcium flux mediated by the receptors.

IC50 value:

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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.