

A-317491 (sodium salt hydrate)

Catalog No: tcsc1251



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg



Specifications

Formula:

$C_{33}H_{29}NNaO_9$

Pathway:

Membrane Transporter/Ion Channel;Autophagy

Target:

P2X Receptor;Autophagy

Purity / Grade:

>98%

Solubility:

H₂O : ≥ 100 mg/mL (164.86 mM)

Observed Molecular Weight:

606.57

Product Description

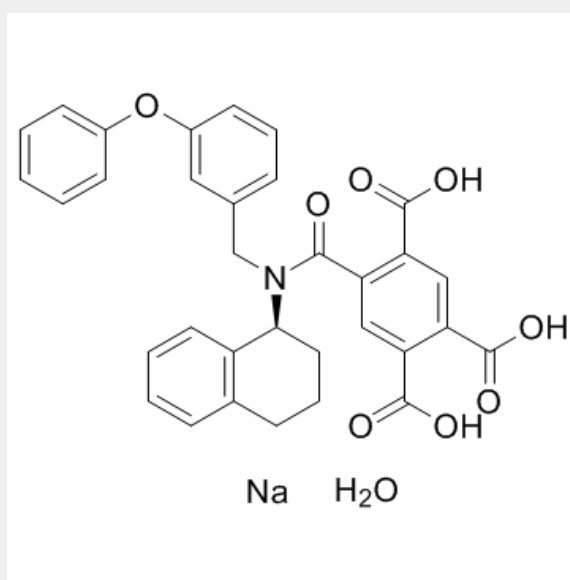
A-317491 is a non-nucleotide P2X₃ and P2X_{2/3} receptor antagonist, which inhibits calcium flux mediated by the receptors.

IC₅₀ value:

Target: P2X_{2/3} receptor

It is known that P2X₃ and P2X_{2/3} 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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