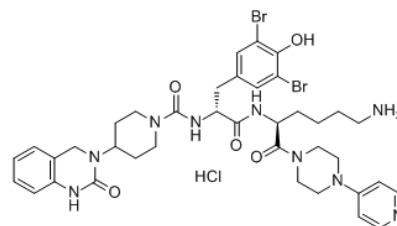


Product Name : Olcegepant hydrochloride
Cat. No. : PC-42296
CAS No. : 586368-06-1
Molecular Formula : C₃₈H₄₇Br₂N₉O₅.HCl
Molecular Weight : 906.11
Target : CGRP Receptor
Solubility : H₂O: ≥ 66.66 mg/mL



Biological Activity

Olcegepant hydrochloride (BIBN4096BS) is the first small molecule selective calcitonin gene-related peptide (CGRP) receptor antagonist with K_i of 14.4 nM for hCGRP. Olcegepant (BIBN4096BS) inhibits the effects of CGRP, released by stimulation of the trigeminal ganglion, on facial blood flow in marmoset monkeys (1-30mg/kg, i.v.).

References

- Doods H, et al. *Br J Pharmacol.* 2000 Feb;129(3):420-3.
Powell KJ, et al. *Br J Pharmacol.* 2000 Nov;131(5):875-84.
Edvinsson L, et al. *Eur J Pharmacol.* 2002 Jan 2;434(1-2):49-53.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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