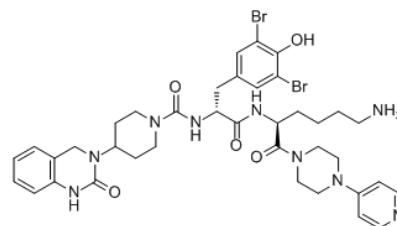


**Product Name** : Olcegepant  
**Cat. No.** : PC-42294  
**CAS No.** : 204697-65-4  
**Molecular Formula** : C<sub>38</sub>H<sub>47</sub>Br<sub>2</sub>N<sub>9</sub>O<sub>5</sub>  
**Molecular Weight** : 869.6451  
**Target** : CGRP Receptor  
**Solubility** : DMSO: ≥ 50 mg/mL



## Biological Activity

Olcegepant (BIBN4096BS) is the first small molecule selective calcitonin gene-related peptide (**CGRP**) receptor antagonist with *K<sub>i</sub>* 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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