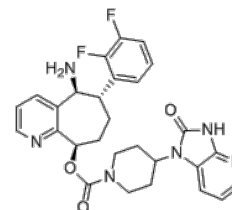


**Product Name** : Rimegepant  
**Cat. No.** : PC-21792  
**CAS No.** : 1289023-67-1  
**Molecular Formula** : C<sub>28</sub>H<sub>28</sub>F<sub>2</sub>N<sub>6</sub>O<sub>3</sub>  
**Molecular Weight** : 534.57  
**Target** : CGRP Receptor  
**Solubility** : 10 mM in DMSO



## Biological Activity

Rimegepant (BMS-927711) is a potent, selective and orally active calcitonin gene-related peptide (CGRP) antagonist with K<sub>i</sub> of 0.027 nM, inhibits CGRP-stimulated cAMP production in SK-N-MC cells with EC<sub>50</sub> of 0.14 nM.

Rimegepant (BMS-927711) shows no significant potential for off-target liabilities in a panel of 45 receptor and ion channel binding and enzyme activity assays.

Rimegepant (BMS-927711) inhibits hαCGRP-induced increases in marmoset facial blood flow upon subcutaneous (SC) dosing.

Rimegepant (BMS-927711) shows good metabolic stability, acceptable CYP inhibition profile, good animal PK, and a favorable predictive toxicological profile.

## References

Luo G, et al. J Med Chem. 2012 Dec 13;55(23):10644-51.

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

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