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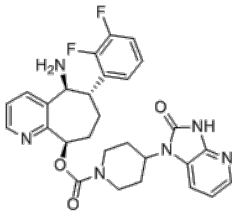
Data Sheet

Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	:	Rimegepant
Cat. No.	:	PC-21792
CAS No.	:	1289023-67-1
Molecular Formula	:	$C_{28}H_{28}F_2N_6O_3$
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 Ki of 0.027 nM, inhibits CGRP-stimulated cAMP production in SK-N-MC cells with EC50 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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