

Product Datasheet

EP2 receptor agonist 2 (orb3175111)

Catalog Number	orb3175111
Category	Small Molecules
Description	EP2 receptor agonist 2 (compound 18a) is a potent and selective G protein-biased EP2 receptor agonist with an efficacy of hEP2G protein EC50= 13 nM and hEP2βarrestin EC50 > 10000 nM. It shows exceptional selectivity over hEP1/3/4, hIP, and hFP, with EC50 values exceeding 10000 nM.
Target	Prostaglandin Receptor
MW	375.44
CAS Number	1807780-00-2
Formula	C ₁₉ H ₂₁ NO ₅ S
SMILES	<chem>C(OC1=CC=CC=C1)[C@@H]2[C@@]3([C@@](O[C@H](CC3)C4=NC(C(O)=O)=CS4)(C[C@H]2O)[H])[H]</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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