

Product Datasheet

Carbacyclin (orb1710160)

Catalog Number	orb1710160
Category	Small Molecules
Description	Carbacyclin is a stable synthetic analog of prostacyclin (PGI ₂) that acts as a potent IP receptor agonist. It is widely used in research for its vasodilatory and antiplatelet effects, facilitating studies on vascular biology, thrombosis, and cardiovascular disease in both in vitro and in vivo experimental models.
Target	Prostaglandin Receptor,Others,PPAR
MW	350.49
CAS Number	69552-46-1
Formula	C ₂₁ H ₃₄ O ₄
SMILES	<chem>C(=C/[C@H](CCCC)O)\[C@@H]1[C@@]2([C@@](C/C(=C\CCCC(O)=O)/C2)(C[C@H]1O)[H])[H]</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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