

Product Datasheet

(±)5-iPF2α-VI (orb1985037)

Catalog Number	orb1985037
Category	Small Molecules
Description	(±)5-iPF2α-VI is a major Type VI isoprostane formed from arachidonic acid during lipid peroxidation. Its propensity to form an internal lactone facilitates isolation, making it a valuable biomarker for studying oxidative stress in cardiovascular, neurological, and metabolic disease research using in vitro and in vivo models.
Target	Prostaglandin Receptor,Others
MW	354.487
CAS Number	179094-11-2
Formula	C ₂₀ H ₃₄ O ₅
SMILES	<chem>CCCC\C=C/C[C@H]1[C@H](O)C[C@H](O)[C@H]1\C=C\C(O)CCCC(O)=O</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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