

Product Datasheet

9-keto Fluprostenol isopropyl ester (orb2283583)

Description	9-Keto Fluprostenol Isopropyl Ester, an ester derivative of the FP receptor agonist fluprostenol, undergoes oxidation at carbon 9. This compound serves as a potential prodrug for 9-keto fluprostenol, which may function as an agonist at EP receptors. Additionally, it is considered a possible metabolite of fluprostenol isopropyl ester (travoprost), drawing parallels to the metabolism of latanoprost by 15-hydroxyprostaglandin dehydrogenase observed in monkey cornea. Furthermore, certain F-series prostaglandins, such as 6-keto prostaglandin F1 α (PGF1 α), undergo conversion to their E-series counterparts in isolated human platelets, highlighting a metabolic pathway of relevance.
Storage	-20°C
Note	For research use only
Formula	C ₂₆ H ₃₃ F ₃ O ₆
Purity	98.00%
MW	498.5
CAS Number	1219032-18-4
SMILES	<chem>C(/C=C\CCCC(OC(C)C)=O)[C@@H]1[C@@H](/C=C/[C@H](COC2=CC(C(F)(F)F)=CC=C2)O)[C@H](O)CC1=O</chem>
Expiration Date	12 months from date of receipt.

Biorbyt Ltd.

7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

Biorbyt LLC.

68 TW Alexander Drive,
Durham, NC, 27713, United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)