

Product Datasheet

Bictegravir Sodium (orb1694663)

Catalog Number	orb1694663
Category	Small Molecules
Description	Bictegravir Sodium is a potent and selective HIV-1 integrase strand transfer inhibitor (INSTI) with an IC ₅₀ of 7.5 nM. It demonstrates robust antiviral activity in vitro and has been evaluated in clinical studies for HIV-1 treatment, showing low cytotoxicity in cellular assays.
Target	HIV Protease
Purity	98.19% (May vary between batches)
MW	471.36
Target Areas	HIV Protease
Solubility (25°C)	DMSO: 1 mg/mL (insoluble or slightly soluble)
CAS Number	1807988-02-8
Formula	C ₂₁ H ₁₇ F ₃ N ₃ NaO ₅
SMILES	O=C(C([O-])=C1C2=O)C(C(NCC3=C(F)C=C(F)C=C3F)=O)=CN1C[C@@H](O4)N2[C@@H]5C[C@H]4CC5.[Na+]
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com
Phone: +44 (0)1223 859353 | Fax: +1 (415) 651-8558

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713-2847
United States

Email: info@biorbyt.com, support@biorbyt.com
Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558