

Product Datasheet

Viral polymerase-IN-1 hydrochloride (orb1982641)

Catalog Number	orb1982641
Category	Small Molecules
Description	Viral polymerase-IN-1 hydrochloride is a gemcitabine-derived small molecule that potently inhibits influenza A/B (IC90 11.4-15.9 μ M) and SARS-CoV-2 by disrupting viral RNA synthesis. This mechanism supports its application in antiviral research for studying RNA virus replication in cellular models.
Target	SARS-CoV, Influenza Virus, Others
MW	419.77
CAS Number	2367587-02-6
Formula	$C_{15}H_{16}ClF_2N_5O_5$
SMILES	<chem>FC1(F)[C@@H](O[C@H](CO)[C@H]1O)N2C(=O)N=C(NC(=O)C3=CC=C(N)C=N3)C=C2.Cl</chem>
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](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Biorbyt LLC

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

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