

Product Datasheet

CI-39 (orb1982869)

Description	CI-39, a natural antiviral product, serves as a non-nucleoside reverse transcriptase inhibitor (NNRTI) targeting wild type HIV-1. It exhibits an effective concentration (EC50) of 3.40 μ M against the virus, while its cytotoxic concentration (CC50) exceeds 30 μ M. This compound notably impedes HIV-1 reverse transcriptase (RT) DNA polymerase and ribonuclease H activities[1].
Storage	-20°C
Note	For research use only
Formula	C ₁₉ H ₁₈ N ₂ O ₄
Purity	98.00%
MW	338.36
CAS Number	2132412-25-8
SMILES	<chem>COC(=O)c1cccc1NC(=O)Cc1cn(OC)c2cccc12</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)