

Product Datasheet

Levofloxacin Hydrochloride Impurity A (orb1309772)

Catalog Number	orb1309772
Category	Small Molecules
Description	Levofloxacin Hydrochloride Impurity A I is a quinolone-based compound with broad-spectrum antibacterial properties. It serves as a key reference standard in analytical research for studying antibiotic degradation, pharmacokinetics, and quality control in both in vitro and in vivo experimental models.
Target	Antibacterial,Antibiotic,Drug Metabolite
Purity	99.71% (May vary between batches)
MW	397.83
Target Areas	Drug Metabolite Antibacterial Antibiotic
Solubility (25°C)	DMSO:12 mg/mL (30.16 mM)
CAS Number	2254176-11-7
Formula	C ₁₈ H ₂₁ ClFN ₃ O ₄
SMILES	<chem>O=C1C=2C3=C(C(=C(F)C2)N4CCNCC4)OC[C@H](C)N3C=C1C(O)=O.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 27713-2847
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)