

Product Datasheet

Loperamide hydrochloride (orb1225241)

Catalog Number	orb1225241
Category	Small Molecules
Description	Loperamide HCl is an opioid-receptor agonist used as long-acting synthetic antidiarrheals.
Target	Opioid Receptor
Purity	>98% (HPLC)
MW	513.51
Target Areas	δ-opioid receptor κ-opioid receptor κ-opioid receptor μ-opioid receptor
Solubility (25°C)	Ethanol: 4 mg/mL (7.78 mM); DMSO: 22 mg/mL (42.84 mM)
CAS Number	34552-83-5
Formula	C ₂₉ H ₃₄ Cl ₂ N ₂ O ₂
SMILES	<chem>O=C(N(C)C)C(C1=CC=CC=C1)(C2=CC=CC=C2)CCN3CCCC(O)(C4=CC=C(Cl)C=C4)CC3.[H]Cl</chem>
Chemical Name	1-Piperidinebutanamide, 4-(4-chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-diphenyl-, hydrochloride
Storage	Storage temperature: -20°C. Stability: ≥ 2 years
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)