

Product Datasheet

RR-49 (orb2815222)

Catalog Number	orb2815222
Description	RR-49 is an innovative difluorinated analogue. This compound demonstrates exceptional pH sensitivity, showing the same efficacy for DAMGO in MOR cAMP assays at pH 6.5 as it does at pH 7.4, but with a 19-fold increase in potency (IC ₅₀). It holds significant promise as an analgesic for treating inflammatory pain with a lower potential for abuse.
Storage	-20°C
Note	For research use only
Formula	C ₂₂ H ₂₆ F ₂ N ₂ O
MW	372.45
CAS Number	2376328-79-7
SMILES	<chem>O=C(N(C=1C=CC=CC1)C2CCN(CC2)CC(F)C=3C=CC=CC3F)CC</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)