

Product Datasheet

KS-176 (orb1226671)

Catalog Number	orb1226671
Category	Small Molecules
Description	A potent and selective inhibitor of BCRP multidrug transporter with IC50 of 0.59 and 1.39 μ M in Pheo A and Hoechst 33342 assays, respectively; displays no inhibitory activity against P-gp or MRP1.
Target	BCRP
Purity	>98% (HPLC)
MW	405.4034
Target Areas	BKCa-channel
Solubility (25°C)	DMSO: \geq 35 mg/mL
CAS Number	1253452-78-6
Formula	C ₂₂ H ₁₉ N ₃ O ₅
SMILES	<chem>O=C(NC1=CC=C(CCO)C=C1)C2=CC=CC=C2NC(C3=CC=C([N+])([O-])=O)C=C3)=O</chem>
Chemical Name	Benzamide, N-[4-(2-hydroxyethyl)phenyl]-2-[(4-nitrobenzoyl)amino]-
Storage	Storage temperature: -20°C. Stability: \geq 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
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)