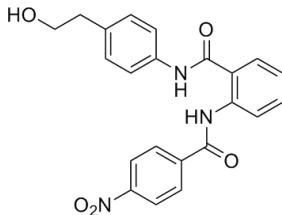


Product Name	: KS-176	
Synonyms	: KS 176;KS176	
Cat No.	: M11019	
CAS Number	: 1253452-78-6	
Molecular Formula	: C ₂₂ H ₁₉ N ₃ O ₅	
Formula Weight	: 405.40	
Chemical Name	: Benzamide, N-[4-(2-hydroxyethyl)phenyl]-2-[(4-nitrobenzoyl)amino]-	
Description	: A potent and selective inhibitor of BCRP multidrug transporter with IC ₅₀ of 0.59 and 1.39 μM in Pheo A and Hoechst 33342 assays, respectively; displays no inhibitory activity against P-gp or MRP1.	
Pathway	: Membrane Transporter/Ion Channel	
Target	: BCRP	
Receptor	: BKCa-channel	
Solubility	: DMSO: ≥ 35 mg/mL	
SMILES	: <chem>O=C(NC1=CC=C(CCO)C=C1)C2=CC=CC=C2NC(=O)C3=CC=C([N+](=O)[O-])C=C3=O</chem>	
Storage	: (-20°C)	
Stability	: ≥ 2 years	
Reference	:	

1. Pick A, et al. ChemMedChem. 2010 Sep 3;5(9):1498-505.