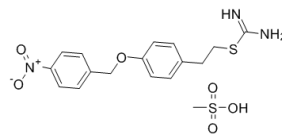


Product Name	: KB-R7943
Synonyms	: KB-R7943 mesylate
Cat No.	: M20553
CAS Number	: 182004-65-5
Molecular Formula	: C ₁₇ H ₂₁ N ₃ O ₆ S ₂
Formula Weight	: 427.5
Chemical Name	: —
Description	: KB-R7943 mesylate is a widely used inhibitor of the reverse Na ⁺ /Ca ²⁺ exchanger (NCXrev) with IC ₅₀ of 5.7±2.1 μM.
Pathway	: Others
Target	: Other Targets
Receptor	: Na ⁺ /Ca ²⁺ Exchanger
Solubility	: DMSO:27 mg/mL (63.16 mM)
SMILES	: <chem>CS(=O)(=O)O.NC(=N)SCCc1ccc(OCc2ccc(cc2)[N+](=[O-])=O)cc1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1.Brustovetsky T Brittain M K Sheets P L et al. KB-R7943 an inhibitor of the reverse Na⁺ /Ca²⁺ exchanger blocks N-methyl-D-aspartate receptor and inhibits mitochondrial complex I.[J]. British Journal of Pharmacology 2015 162(1):255-270.