

Product Name	: RQ00203078
Synonyms	: RQ-00203078; RQ 00203078; RQ00203078
Cat No.	: M11029
CAS Number	: 1254205-52-1
Molecular Formula	: C ₂₁ H ₁₃ ClF ₆ N ₂ O ₅ S
Formula Weight	: 554.85
Chemical Name	: 4-(N-(3-chloro-5-(trifluoromethyl)pyridin-2-yl)-N-(4-(trifluoromethoxy)benzyl)sulfamoyl)benzoic acid
Description	: RQ-00203078 is a highly selective, potent and orally available TRPM8 antagonist (IC ₅₀ values are 5.3 and 8.3 nM for rat and human channels respectively), exhibits >350-fold selectivity for TRPM8 over TRPV4, TRPV1 and TRPA1.
Pathway	: Membrane Transporter/Ion Channel
Target	: TRP/TRPV Channel
Receptor	: TRPM8
Solubility	: DMSO: 100 mM
SMILES	: <chem>O=C(O)C1=CC=C(C(S(=O)(=O)N(C2=NC=C(C(F)(F)F)C=C2Cl)CC3=CC=C(OC(F)(F)F)C=C3)=O)C=C1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Chaussade C, et al. Biochem.J, 2007, 404(3), 449-58.

