

Product Name	: ML 145
Synonyms	: —
Cat No.	: M33028
CAS Number	: 1164500-72-4
Molecular Formula	: C ₂₄ H ₂₂ N ₂ O ₅ S ₂
Formula Weight	: 482.57
Chemical Name	: —
Description	ML 145 is a selective and competitive human GPR35/CXCR8 antagonist with an IC ₅₀ /EC ₅₀ of 20.1 nM. ML 145 has over 1000-fold more selective for GPR35 compared to GPR55 (IC ₅₀ /EC ₅₀ =21.7 μM). ML 145 has no significant activity for GPR35 at either rodent ortholog.
Pathway	: Cell Cycle/DNA Damage
Target	: GPR
Receptor	: GPR
Solubility	: In Vitro: ?DMSO : 50 mg/mL (103.61 mM; Ultrasonic)
SMILES	: <chem>C/C(=C/C1=CC=CC=C1)/C=C/C(=O)N(CCCC(NC3=CC(O)=C(C(O)=O)C=C3)=O)C(=S)S2</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Heynen-Genel S, et al. Selective GPR35 Antagonists - Probes 1 & 2. National Center for Biotechnology Information (US); 2010-2010 Feb 28.?