

Product Name	: KY-226
Synonyms	: —
Cat No.	: M20927
CAS Number	: 1621673-53-7
Molecular Formula	: C ₂₇ H ₃₁ N ₃ O ₃ S ₂
Formula Weight	: 481.67
Chemical Name	: —
Description	: KY-226 is a potent inhibitor of protein tyrosine phosphatase 1B (PTP1B)(IC ₅₀ : 0.25 μM)
Pathway	: Metabolic Enzyme/Protease
Target	: Phosphatase
Receptor	: PTP1B
Solubility	: —
SMILES	: <chem>CCCCCS(=O)(=O)NC(=O)c1ccc(CSCc2ccc(-c3ccccc3)cc2)cc1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Ito Y,Fukui M,Kanda M et al. Therapeutic effects of the allosteric protein tyrosine phosphatase 1B inhibitor KY-226 on experimental diabetes and obesity via enhancements in insulin and leptin signaling in mice[J]. Journal of Pharmacological Sciences 2018:S1347861318300422.