

Product Name	: Retro 2
Synonyms	: 2-[(5-methyl-2-thienyl)methylene]amino}
Cat No.	: M23372
CAS Number	: 1201652-50-7
Molecular Formula	: C ₁₉ H ₁₆ N ₂ O ₂ S
Formula Weight	: 320.4
Chemical Name	: —
Description	: Retro 2 is a plant toxin ricin inhibitor, it protects HeLa cells against Ricin, Stx1 and Stx2, selectively blocks retrograde toxin trafficking at the early endosome-TGN (trans-Golgi network) interface.
Pathway	: Others
Target	: Other Targets
Receptor	: toxin ricin
Solubility	: DMSO:10 mM
SMILES	: <chem>CC1=CC=C(S1)C=NC2=CC=CC=C2C(=O)NC3=CC=CC=C3</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Morgens D W, Chan C, Kane A J, et al. Retro-2 protects cells from ricin toxicity by inhibiting ASNA1-mediated ER targeting and insertion of tail-anchored proteins[J]. eLife Sciences, 2019, 8.