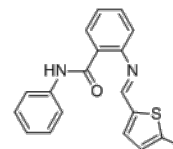


Product Name : Retro 2
Cat. No. : PC-62658
CAS No. : 1201652-50-7
Molecular Formula : C₁₉H₁₆N₂OS
Molecular Weight : 320.41
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

Retro 2 (Retro-2) is the first small molecule inhibitor of plant toxin **ricin**, protects HeLa cells against Ricin, Stx1 and Stx2, selectively blocks retrograde toxin trafficking at the early endosome-TGN (trans-Golgi network) interface. Retro 2 has no effect on endogenous retrograde cargo proteins. Retro 2 protects mice against ricin challenge.

References

Stechmann B, et al. **Cell**. 2010 Apr 16;141(2):231-42.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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