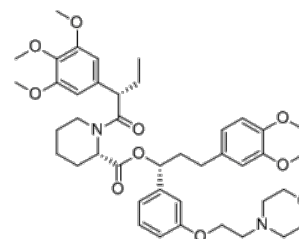


Product Name : Shield-1
Cat. No. : PC-60184
CAS No. : 914805-33-7
Molecular Formula : C₄₂H₅₆N₂O₁₀
Molecular Weight : 748.9
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

Shield-1 is a cell-permeable **FKBP ligand** that is designed to protect an otherwise unstable protein domain from degradation.

Shield-1 binds tightly to FKBP, induces rapid and processive degradation of the LID domain and any fused partner protein.

References

Banaszynski, et al. *Cell*. 2006 Sep 8; 126(5):995-1004.

Rodriguez S, et al. *Chem Biol*. 2012 Mar 23;19(3):391-8.

Bonger KM, et al. *Nat Chem Biol*. 2011 Jul 3;7(8):531-7.

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

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