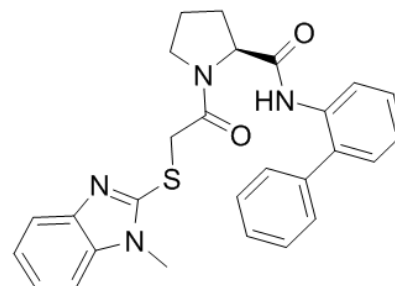


Product Name : TCS 1102
Cat. No. : PC-42733
CAS No. : 916141-36-1
Molecular Formula : C₂₇H₂₆N₄O₂S
Molecular Weight : 470.5859
Target : Orexin Receptor
Solubility : 10 mM in DMSO



Biological Activity

TCS 1102 is a potent and selective dual **Orexin receptor** antagonist with K_i of 0.2/3 nM for hOX2R/hOX1R respectively. TCS 1102 demonstrates excellent in vitro cell based activity, brain penetration, and low to moderate bioavailability in rats.

References

- Bergman JM, et al. *Bioorg Med Chem Lett*. 2008 Feb 15;18(4):1425-30.
Khoo SY, et al. *PLoS One*. 2017 Mar 15;12(3):e0173967.

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

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