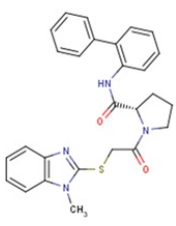


Product Name	: TCS 1102	
Synonyms	: TCS 1102, TCS1102, TCS-1102	
Cat No.	: M17659	
CAS Number	: 916141-36-1	
Molecular Formula	: C ₂₇ H ₂₆ N ₄ O ₂ S	
Formula Weight	: 470.59	
Chemical Name	: (2S)-1-[2-(1-methylbenzimidazol-2-yl)sulfanylacetyl]-N-(2-phenylphenyl)pyrrolidine-2-carboxamide	
Description	: TCS 1102 is a potent, dual orexin receptor antagonist (K _i values are 0.2 and 3 nM for OX ₂ and OX ₁ receptors respectively). TCS 1102 inhibits ADL-orexin B-mediated locomotion following i.p. administration in vivo and blocks orexin-A (Cat.No.1455) mediated increases in feeding behaviour.	
Pathway	: Angiogenesis	
Target	: CDK	
Receptor	: OX ₁ ; OX ₂	
Solubility	: DMSO : ≥ 100 mg/mL; 212.50 mM	
SMILES	: <chem>Cn1c2ccccc2nc1SCC(=O)N1CCC[C@H]1C(=O)Nc1ccccc1c1ccccc1</chem>	
Storage	: (-20°C)	
Stability	: ≥ 2 years	
Reference	:	

1. Bergman JM, et al. Bioorg Med Chem Lett. 2008 Feb 15;18(4):1425-30.