

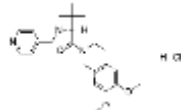
PRODUCT: TCS OX2 29**RELATED PRODUCTS:**

ALTERNATE NAME: (2S)-1-(3,4-Dihydro-6,7-dimethoxy-2(1H)-isoquinolinyl)-3,3-dimethyl-2-[(4-pyridinylmethyl)amino]-1-butanone hydrochloride

Orexin-2 Receptor Agonist (**B1124**)
Suvorexant (**B1321**)

CATALOG NUMBER: B1838-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:

MOLECULAR FORMULA: C₂₃H₃₁N₃O₃·HCl

MOLECULAR WEIGHT: 433.97

CAS NUMBER: 372523-75-6

APPEARANCE: Pale yellow solid

SOLUBILITY: H₂O (>40 mg/ml)

PURITY: ≥98% by HPLC

STORAGE: Store at -20 °C. Protect from air and moisture

DESCRIPTION: TCS OX2 29 is a potent and selective OX₂ (Orexin-2) receptor antagonist (IC₅₀ = 40 nM). Displays >250-fold selectivity for OX₂ over OX₁ (Orexin-1) and >50 receptors, ion channels and transporters.

REFERENCES: Mould, R., *et al.* (2014). *Br. J. Pharmacol.* **171**, 351-363.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

USAGE: **FOR RESEARCH USE ONLY! Not to be used in humans**