

**Product Name** : TCS-OX2-29

**Synonyms** : —

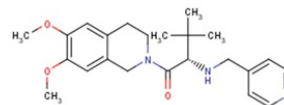
**Cat No.** : M19326

**CAS Number** : 372523-75-6

**Molecular Formula** : C<sub>23</sub>H<sub>31</sub>N<sub>3</sub>O<sub>3</sub>

**Formula Weight** : 397.51

**Chemical Name** : —



**Description** : TCS-OX2-29 is a potent and selective OX2 receptor antagonist (IC<sub>50</sub>: 40 nM). It displays >250-fold selectivity for OX2 over OX1.

**Pathway** : Cytoskeleton/Cell Adhesion Molecules

**Target** : Kinesin

**Receptor** : OX2

**Solubility** : H<sub>2</sub>O : < 0.1 mg/mL

**SMILES** : COC1=C(OC)C=C2CN(CCC2=C1)C(=O)[C@@H](NCC1=CC=NC=C1)C(C)(C)C

**Storage** : (-20°C)

**Stability** : ≥ 2 years

**Reference** :

1. Hirose M et al. N-acyl 6,7-dimethoxy-1,2,3,4-tetrahydroisoquinoline: the first orexin-2 receptor selective non-peptidic antagonist. Bioorg Med Chem Lett, 2003 Dec 15, 13(24):4497-9.