
Product Data Sheet

Product Name: TASP 0433864

Cat. No.: GC50150

Chemical Properties

Cas. No. 1431980-60-7

SMILES CC(C)(C)C1=CC=C(OC[C@@H]2CN3C(O2)=NC(C(N)=O)=C3C)C=C1Formula C₁₈H₂₃N₃O₃ M.Wt 329.39

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Selective mGlu2 receptor positive allosteric modulator (EC₅₀ values are 199 and 206 nM for human and rat receptors, respectively). Exhibits negligible activity against a range of neurotransmitter targets, except 5-HT_{2B} and MAO-B (72 and 92% inhibition at 10 μM, respectively). Potentiates inhibitory effect of DCG IV on excitatory postsynaptic potentials in hippocampal slices and ketamine- and methamphetamine-induced increases in locomotor activity in rats and mice.

Hiyoshi et al (2014) Neurophysiologic and antipsychotic profiles of TASP0433864, a novel positive allosteric modulator of metabotropic glutamate 2 receptor.

J.Pharmacol.Exp.Ther. 351 642 PMID:25277141

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA
