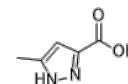


Product Name : AS057278
Cat. No. : PC-28104
CAS No. : 402-61-9
Molecular Formula : C₅H₆N₂O₂
Molecular Weight : 126.12
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

AS057278 (MPCA, U-19425) is a potent, selective, orally active and blood-brain barrier (BBB) penetrant D-amino acid oxidase (DAAO) inhibitor with IC₅₀ of 0.91 uM, shows potential anti-psychotic properties, also inhibits adipocyte lipolysis.

References

- Sugden MC, et al. Biochem J. 1982 Jun 15;204(3):749-56.
Adage T, et al. Eur Neuropsychopharmacol. 2008;18(3):200-214.
Gong N, et al. J Pharmacol Exp Ther. 2011 Jan;336(1):282-93.
Sugden MC, et al. Metabolism. 1999 Jun;48(6):707-15.

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

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