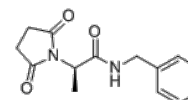


Product Name : (R)-AS-1
Cat. No. : PC-49277
CAS No. : 2506367-95-7
Molecular Formula : C₁₄H₁₆N₂O₃
Molecular Weight : 260.293
Target : Glutamate Transporter
Solubility : 10 mM in DMSO



Biological Activity

(R)-AS-1 is an orally bioavailable, selective positive allosteric modulator (PAM) of the glutamate transporter **EAAT2** with EC₅₀ of 11 nM and E_{max} of 251%, shows potent antiseizure activity in vivo.

References

Michał Abram, et al. *J Med Chem*. 2022 Aug 19. doi: 10.1021/acs.jmedchem.2c00534.

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

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