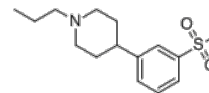


Product Name : Pridopidine
Cat. No. : PC-63432
CAS No. : 346688-38-8
Molecular Formula : C₁₅H₂₃NO₂S
Molecular Weight : 281.414
Target : Sigma Receptor
Solubility : 10 mM in DMSO



Biological Activity

Pridopidine (ACR16, FR-310826, ASP-2314, Huntexil) is a selective and potent **Sigma-1 receptor** agonist. Pridopidine also is a specific dopamine stabilizer without no partial agonism; shows robust dose-dependent striatal D2 occupancy with ED50 of 18.99 mg/kg s.c. in vivo, shows high in vivo D2 receptor occupancy, antipsychotic-like efficacy, and low potential for motor side effects in rats.

References

- Natesan S, et al. J Pharmacol Exp Ther. 2006 Aug;318(2):810-8.
Nilsson M, et al. Prog Neuropsychopharmacol Biol Psychiatry. 2004 Jul;28(4):677-85.
Seeman P, et al. Synapse. 2009 Oct;63(10):930-4.
Petterson F, et al. J Med Chem. 2010 Mar 25;53(6):2510-20.

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

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