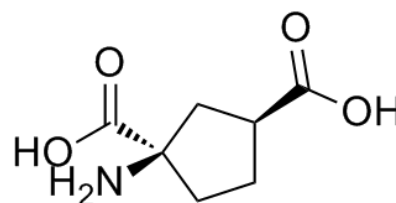


Product Name : Trans-ACPD
Cat. No. : PC-45635
CAS No. : 67684-64-4
Molecular Formula : C₇H₁₁NO₄
Molecular Weight : 173.1665
Target : mGluR
Solubility : H₂O: 6.2 mg/mL (Need ultrasonic)



Biological Activity

A equimolecular mixture of (1S,3R)- and (1R,3S)-ACPD; selective agonist for metabotropic glutamate receptors; active at both group I and group II mGlu receptors (EC₅₀ values are 2, 15, 23 and ~800 uM at mGluR2, mGluR1, mGluR5 and mGluR4 respectively).

References

- Conti P, et al. *Farmacol.* 2002 Nov;57(11):889-95.
Knopf T, et al. *J Med Chem.* 1995 Apr 28;38(9):1417-26.
Klette KL, et al. *Brain Res.* 1997 May 9;756(1-2):231-40.

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

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