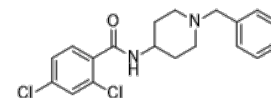


Product Name : BPDBA
Cat. No. : PC-26891
CAS No. : 312281-74-6
Molecular Formula : C₁₉H₂₀Cl₂N₂O
Molecular Weight : 363.28
Target : GABA Transporter (GAT)
Solubility : 10 mM in DMSO



Biological Activity

BPDBA is a potent, subtype selective and noncompetitive inhibitor of betaine/GABA transporter 1 (BGT-1) with IC₅₀ of 20 μM (hBGT-1) and 39 μM (mouse ortholog mGAT2), shows no activity against hGAT-1/mGAT1, hGAT-2/mGAT3, and hGAT-3/mGAT4.

References

Jørgensen L, et al. J Med Chem. 2017 Nov 9;60(21):8834-8846.

Kragholm B, et al. Biochem Pharmacol. 2013 Aug 15;86(4):521-8.

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

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