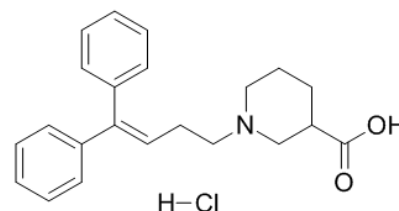


Product Name : SKF-89976A hydrochloride
Cat. No. : PC-42093
CAS No. : 85375-15-1
Molecular Formula : C₂₂H₂₆ClNO₂
Molecular Weight : 371.9003
Target : GABA Transporter (GAT)
Solubility : DMSO: ≥ 34 mg/mL



Biological Activity

SKF-89976A hydrochloride is a potent, selective and GABA transporter 1 (**GAT1**) inhibitor with IC₅₀ of 0.13 μM for hGAT1. SKF-89976A shows little to no activity for rGAT-2, hGAT-3 and hBGT-1 (IC₅₀>500 μM). SKF-89976A blocks GABA uptake and uncoupled transmitter-gated current with K_i of 7 μM and 0.03 μM, respectively.

References

- Ali FE, et al. *J Med Chem*. 1985 May;28(5):653-60.
Stringer JL, et al. *Epilepsy Res*. 2002 Dec;52(2):129-37.
Krause S, et al. *Mol Pharmacol*. 2005 Dec;68(6):1728-35.

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

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