Product Name: Tianeptine sodium salt
CAS No.: 30123-17-2
Cat. No.: HY-90003A
MWt: 458.93
Formula: C21H24ClN2NaO4S
Purity: >98%

Solubility: DMSO ≥90mg/mL Water ≥90mg/mL Ethanol ≥90mg/mL

Mechanisms:
- Pathways: GPCR/G protein; Target: 5-HT Receptor
- Pathways: Neuronal Signaling; Target: 5-HT Receptor

Biological Activity:
Tianeptine sodium salt is a selective facilitator of 5-HT uptake in vitro and in vivo.

IC50 Value:
- Target: 5-HT Receptor
Tianeptine has no affinity for a wide range of receptors, including 5-HT and dopamine (IC50 > 10 μM) and has no effect on noradrenalin or dopamine uptake. Antidepressant, analgesic and neuroprotective following systemic administration in vivo.

References:
[4]. Sohn W, Lee OY, Kwon JG, Park KS, Lim YJ, Kim TH, Jung SW, Kim JI. Tianeptine vs amitri...

Caution: Not fully tested. For research purposes only

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