Product Data Sheet

Product Name: Dihydroergotoxine mesylate

CAS No.: 8067-24-1
Cat. No.: HY-B0799
MWt: 2314.74
Formula: C123H156N2O23S
Purity: >98%

Solubility: DMSO: ≥ 31 mg/mL

Mechanisms: Pathways: Membrane Transporter/ Ion Channel; Target: GABA Receptor
Pathways: Neuronal Signaling; Target: GABA Receptor

Biological Activity:
Dihydroergotoxine mesylate is a complex of closely related alkaloid salts; Binds with high affinity to the GABA receptor Cl- channel, producing an allosteric interaction with the benzodiazepine site. IC50 value:
Target:
Dihydroergotoxine mesylate also interacts with central dopaminergic, serotonergic and adrenergic (α1) receptors. Dihydroergotoxine mesylate displays antiproliferative activity in vitro (IC50 = 18 - 38 μM in prostate cancer cells) and exhibits cognition-enhancing, anticonvulsant and sedative activity in vivo.

References:

Caution: Not fully tested. For research purposes only

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