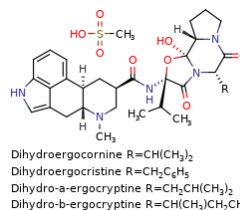


Product Name	: Dihydroergotoxine mesylate
Synonyms	: Ergoloid Mesylates, Hydergine, Gerimal, CCK-179, CCK179
Cat No.	: M19129
CAS Number	: 8067-24-1
Molecular Formula	: C33H47N5O8S
Formula Weight	: 673.82
Chemical Name	: —



Description	: Ergoloid Mesylates, also known as dihydroergotoxine mesylate, is a mixture of three dihydrogenated ergot alkaloids (dihydroergocristine, dihydroergocornine, and alpha- and beta-dihydroergocryptine). Ergoloid mesylates is used as a treatment for dementia and Alzheimer disease. Ergoloid Mesylates stimulates dopaminergic and serotonergic receptors and blocks alpha-adrenoreceptors. Ergoloid Mesylates binds to the GABAA receptor Cl- channel, producing a reaction at the benzodiazepine site.
Pathway	: PI3K/Akt/mTOR signaling
Target	: GSK-3
Receptor	: Others
Solubility	: DMSO : ≥ 31 mg/mL; 13.39 mM
SMILES	: <chem>CS(=O)(=O)O.CC(C)C[C@@H]1N2C(=O)[C@](NC(=O)[C@@H]3C[C@H]4[C@@H](Cc5c[nH]c6cccc4c56)N(C)C3)(O[C@@]2(O)[C@@H]2CCCN2C1=O)C(C)C</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Abdul M, et al. Expression of gamma-aminobutyric acid receptor (subtype A) in prostate cancer. Acta Oncol. 2008;47(8):1546-50.