Ergoloid (mesylates)
Item No. 24095

CAS Registry No.: 8067-24-1
Formal Name: dihydro-ergotoxine, monomethanesulfonate
MF: C_{134}H_{184}N_{20}O_{32}S_{4}
FW: 2,715.3
Purity: ≥95%
Supplied as: A solid
Storage: -20°C
Stability: ≥2 years

Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

Ergoloid (mesylates) is supplied as a solid. A stock solution may be made by dissolving the ergoloid (mesylates) in the solvent of choice. Ergoloid (mesylates) is soluble in organic solvents such as methanol, which should be purged with an inert gas. The solubility of ergoloid (mesylates) in methanol is approximately 1 mg/ml. Ergoloid (mesylates) is slightly soluble in DMSO.

Description

Ergoloid is a mixture of the ergot alkaloids dihydroergocornine, dihydroergocristine, and dihydroergocryptine. It blocks reflex vasodilation and vasoconstriction induced by norepinephrine (Item No. 16673) in dogs when injected into the kidney at a dose of 0.15 mg. Ergoloid blocks norepinephrine-induced cAMP production in rat brain cortical homogenates ex vivo in a dose-dependent manner. It also acts as an erectogenic agent in rats. Formulations containing ergoloid have been used in the treatment of migraine headaches and vascular dementias.

References