Creative Enzymes®

Methyllycaconitine Citrate

Cat. No. CEI-1183

Lot. No. (See product label)

Introduction

Description	A potent antagonist highly selective for AChRs with α7 subunit (Ki = 1.4 nM for α7 subunit and > 40 nM for α4β2 and α6β2 receptors). Frequently used in assessing the functional roles of AChRs with α7 subunit in brain functions and disorders (i.e. inflammatory and chronic neuropathic pain and parkinsonian neurodegeneration).
Synonyms	AChR Receptor Antagonist, Methyllycaconitine Citrate, alpha7beta2 recptor Antagonist, Methyllycaconitine Citrate, Methyllycaconitine; α7-Nicotinic Receptor Antagonist, Methyllycaconitine Citrate, Neuronal Nicotinic Receptor Antagonist, Methyllycaconitine Citrate

Product Information

Appearance	White solid
CAS No.	21019-30-7
Molecular Formula	C37H50N2O10*C6H8O7
Purity	>97% by HPLC
Targets	α7 nAChR
Solubility	H2O

Storage and Shipping Information

Storage	-20 centigrade
Stability	Following reconstitution, aliquot and freeze (-20°C). Stock solutions are stable for up to 3 months at -20°C.
Shipping Conditions	Shipped at Ambient Temperature or with Blue Ice or with Dry Ice