

Product Name : 3-Deoxyaconitine

Synonyms : —

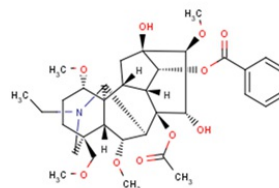
Cat No. : M18418

CAS Number : 3175-95-9

Molecular Formula : C₃₄H₄₇NO₁₀

Formula Weight : 629.74

Chemical Name : —



Description : 3-Deoxyaconitine is a derivative of Aconitine (A189875), which activates tetrodotoxin-sensitive Na⁺ channels, inducing presynaptic depolarization, thus blocking the nerve action potential which, in turn, blocks the release of neurotransmitters and decreases the end plate potential at the neuromuscular junction.

Pathway : Apoptosis

Target : Apoptosis

Receptor : Others

Solubility : —

SMILES : CCN1CC2(CCC(C34C2C(C(C31)C5(C6C4CC(C6OC(=O)C7=CC=CC=C7)(C(C5O)OC)O)OC(=O)C)OC)OC)COC

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1.Derbre, S., et al.: Anal. Bioanal. Chem, 398, 1747 (2010), Li, M., et al.: J. Pharm. Biomed. Anal., 53, 1063 (2010)