Aconitine

Na^+ channel activator

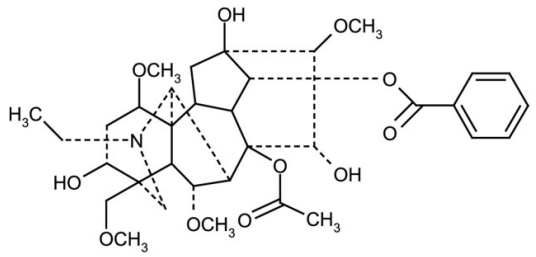
A lipid-soluble neurotoxin that acts as a sodium channel modulator. Binds with high affinity to the open state of the voltage-sensitive sodium channels at site 2, thereby causing a persistent activation of the sodium channels, which become refractory to excitation.

Citations: 2 View Online »

Ordering Information Order Online »

ALX-550-232-M025	25mg

Manuals, SDS & CofA View Online »


OH
OCH3
OCH3
O
H3C
N
O
HO
OH
OCH3
O
CH3
OCH3

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Handling	Protect from light.
Long Term Storage	+4°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	(1α,3α,6α,14α,15α,16β)-20-Ethyl-1,6,16-trimethoxy-4-(methoxymethyl)aconitane-3,8,13,14,15-pentol 8-acetate 14-benzoate
Appearance	White to off-white powder.
CAS	302-27-2
Couple Target	Sodium
Couple Type	Activator
Formula	$C_{34}H_{47}NO_{11}$
MI	**14:** 118
MW	645.7
Purity	≥98% (HPLC)
RTECS	AR5960000
Solubility	Soluble in 100% ethanol (35mg/ml); almost insoluble in water (0.3mg/ml).
Source	Isolated from *Aconitum karacolium*.

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