

Mesaconitine

Catalog No: tcsc3583



Available Sizes

Size: 5mg

Size: 10mg



Specifications

CAS No:

2752-64-9

Formula:

$C_{33}H_{45}NO_{11}$

Pathway:

Apoptosis

Target:

TNF Receptor

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Observed Molecular Weight:

631.71

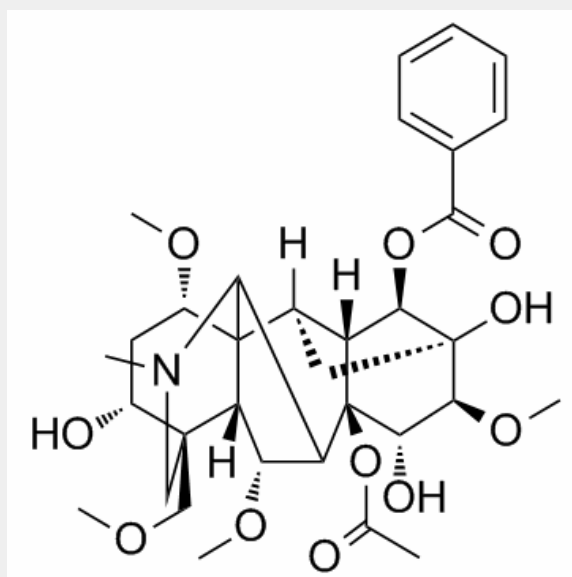
Product Description

Mesaconitine is the main active component of genus aconitum plants.

IC50 value:

Target:

in vitro: In HUVECs, 30 microM mesaconitine increased the $[Ca^{2+}]_i$ level in the presence of extracellular $CaCl_2$ and NaCl, and the response was inhibited by KBR7943. Mesaconitine increased intracellular Na^+ concentration level in HUVECs. The $[Ca^{2+}]_i$ response by mesaconitine was inhibited by 100 microM D-tubocurarine [1]. Mesaconitine at 30 microM inhibited 3 microM phenylephrine-induced contraction in the endothelium-intact, but not endothelium-denuded, aortic rings [2]. MA promoted the α -MT-induced decrease in NE levels in hippocampus, medulla oblongata plus pons and spinal cord [3].



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