

Enzymax, LLC

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Lexington, KY 40503

Product Information

Product Name: α -Bungarotoxin
Catalog #: SP1001
Size:

Order: info@enzymax.net
Tel: 859-219-8482
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Product: α -Bungarotoxin (Native)

MDL Number: MFCD01779815

Product Description or background:

α -bungarotoxin is a postsynaptic neurotoxin. It binds irreversibly to motor endplate of acetylcholine receptors, preventing opening of nicotinic receptor-associated ion channels. It can be used as a tag for AchR detection, for purification of AchR, drug and receptor interaction studies, AchR structure and characterization studies, on-reliant analgesia, and drug rehabilitation.

Source: purified from snake venom of *Bungarus multicinctus*

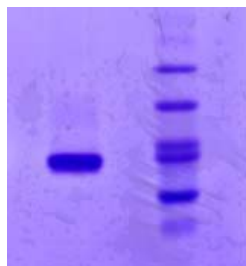
Molecular Weight: 8kDa

Storage: stable for 12 months at -20°C.

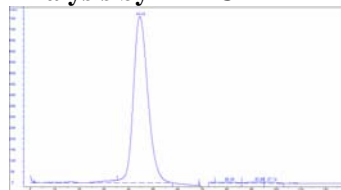
Purity: \geq 95% by FPLC

Presentation: Lyophilized POWDER

Analysis by SDS PAGE Gel



Analysis by HPLC



Snake Type: *Bungarus multicinctus*

Found in provinces south Yangzi River, including Taiwan, Hainan and Hongkong.

Protein content (Folin's method) \geq 90%

Humidity: $<$ 5% Insolubility $<$ 0.5

Biotoxicity: LD50: 0.03-0.05 mg/kg

