

## PRODUCT AND SAFETY DATA SHEET

**PRODUCT NAME:**  $\alpha$ -Bungarotoxin, CF™ dye conjugate (0.5 mg)**Spectral Properties of  $\alpha$ -Bungarotoxin, CF™ dye conjugate**

Cat. No.	$\alpha$ -Bungarotoxin Conjugate	Abs <sub>max</sub>	Em <sub>max</sub>
00005	$\alpha$ -Bungarotoxin, CF™ 488A	490	515
00006	$\alpha$ -Bungarotoxin, CF™ 568	562	583
00007	$\alpha$ -Bungarotoxin, CF™ 594	593	614
00009	$\alpha$ -Bungarotoxin, CF™ 633	630	650
00004	$\alpha$ -Bungarotoxin, CF™ 640R	642	662
00008	$\alpha$ -Bungarotoxin, CF™ 680	681	698

**STORAGE AND HANDLING:**Store at -20 °C and protect from light, especially when in solution.  
Soluble in water.**APPLICATION:** $\alpha$ -bungarotoxin is a polypeptide snake toxin that binds to the nicotinic acetylcholine receptor found at the neuromuscular junction with high affinity. CF™ dyes are superior dyes with exceptional brightness and remarkable photostability.

## References:

1) J Cell Biol 150, 1385 (2000); 2) Neuron 23, 675(1999).

**TOXICITY:**

Not established.

**FIRST AID:**

Potentially harmful. Avoid prolonged or repeated exposure. Avoid getting in eyes, on skin, or on clothing. Wash thoroughly after handling. If eye or skin contact occurs, wash affected areas with plenty of water for 15 minutes and seek medical advice. In case of inhaling or swallowing, move individual to fresh air and seek medical advice immediately.

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