

**Bodi Fluor™ 488-Cephaeline Conjugate**

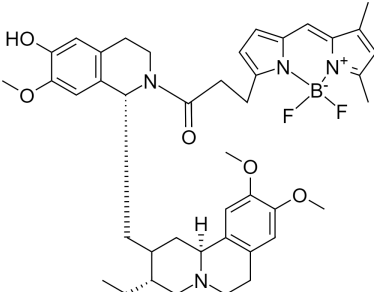
Catalog number: 32000

Unit size: 1 mg

**Product Details**

Storage Conditions	Freeze (<math>< -15\text{ }^\circ\text{C}</math>), Minimize light exposure
Expiration Date	12 months upon receiving

**Chemical Properties**

Appearance	Orange solid
Molecular Weight	740.70
Soluble In	DMSO
Chemical Structure	

**Spectral Properties**

Excitation Wavelength	504 nm
Emission Wavelength	510 nm

**Applications**

Cephaeline is an alkaloid that is found in *Cephaelis ipecacuanha* and other plant species including *Psychotria acuminata*. Cephaeline induces vomiting by stimulating the stomach lining and is found in commercial products such as syrup of ipecac. Chemically, it is closely related to emetine. It has been reported that the expectorant action of ipecacuanha is due in whole or in major part to its content of emetine and cephaeline. The expectorant action of synthetic 2-dehydroemetine is essentially similar to that of emetine and cephaeline. This Bodipy-labeled has been used to study the mechanism of cephaeline.