



CERTIFICATE OF ANALYSIS

PRODUCT: **Coelenterazine fcp**
C₂₅H₂₄FN₃O₂, M.W. 417.48

PRODUCT NUMBER: C-1279

LOT NUMBER: A8396

APPEARANCE: Yellowish brown solid

TLC: Single spot

HPLC: 98%

NMR: Conforms

ABSORPTION SPECTRUM: λ (MeOH): 430 nm
 ϵ (430 nm): 7,500

SOLUBILITY: Soluble in MeOH or EtOH at ≥ 10 mg/ml (prepare stock solutions in methanol or ethanol DO NOT use DMSO, as material may be unstable in this solvent).

STORAGE: Store solid at -20°C and *Protect from Light*. Solution is susceptible to oxidation by air. For best results, protect from light and store under nitrogen or argon at $> -70^\circ\text{C}$. Keep calcium free when stored in solution (avoid using glass container).

CAUTION: For research use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: 