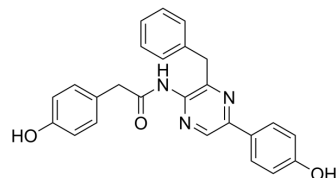


Coelenteramide

Cat. No.:	HY-145385
CAS No.:	50611-86-4
Molecular Formula:	C ₂₅ H ₂₁ N ₃ O ₃
Molecular Weight:	411.45
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Coelenteramide is an oxidative product of [Coelenterazine](#) (HY-18743). Coelenteramide can form a complex with apoAequorin/Ca²⁺, which is known as blue fluorescent protein (BFP) and shows continuous weak luminescence with Coelenterazine like a luciferase. Coelenteramide can be used as an imaging agent^[1].

REFERENCES

[1]. Inouye S, Nakamura M, Hosoya T. Formation of Coelenteramine from 2-Peroxycoelenterazine in the Ca²⁺-Binding Photoprotein Aequorin. Photochem Photobiol. 2021 Dec 31.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA