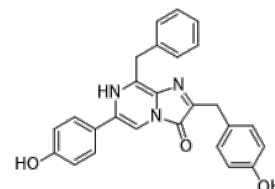


**Product Name** : Coelenterazine  
**Cat. No.** : PC-22181  
**CAS No.** : 55779-48-1  
**Molecular Formula** : C<sub>26</sub>H<sub>21</sub>N<sub>3</sub>O<sub>3</sub>  
**Molecular Weight** : 423.47  
**Target** : Fluorescent Dye  
**Solubility** : 10 mM in DMSO



## Biological Activity

Coelenterazine is a luminescent enzyme substrate for apoaequorin and Renilla luciferase, commonly used as the bioluminescence donor in bioluminescence resonance energy transfer (BRET) to detect protein-protein interactions.

## References

Markova SV, et al, Biochemistry (Mosc). 2015 Jun;80(6):714-32.

Lucas M, et al. Anal Biochem. 1992 Nov 1;206(2):273-7.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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