

Product Information

Coelenterazine cp

Cat. No.: X24-11-LY082

Size: 1 mg; 2 mg; 5 mg; 10 mg; 25 mg

MDL: MFCD07437897

CAS Number: 123437-25-2

Compound CID: 135478034

Synonym: 123437-25-2; Coelenterazine cp;

8-(Cyclopent

ylmethyl)-6-(4-hydroxyp

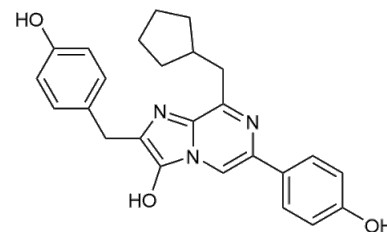
henyl)-2-[(4-hydroxyphenyl)methyl]-7H-imidazo[1,2-a]pyrazin-3-one; 8-(Cyclopentylme

thyl)-6-(4-hydroxyphenyl)-2-[(4-hydroxyphenyl)methyl]imidazo[1,2-a]pyrazin-3-ol;

Coelenterazine-cp; 8-(Cyclopentylmethyl)-2-(4-hydroxybenzyl)-6-(4-hydroxyphenyl)imi

dazo[1,2-a]pyrazin-3(7H)-one;

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	Coelenterazine cp is a coelenterazine analog for Renilla luciferase.
Molecular Weight	415.48
Molecular Formula	C ₂₅ H ₂₅ N ₃ O ₃
IUPAC Name	8-(Cyclopentylmethyl)-6-(4-hydroxyphenyl)-2-[(4-hydroxyphenyl)methyl]imidazo[1,2-a]pyrazin-3-ol
InChI	InChI=1S/C25H25N3O3/c29-19-9-5-17(6-10-19)14-22-25(31)28-15-23(18-7-11-20(30)12-8-18)26-21(24(28)27-22)13-16-3-1-2-4-16/h5-12,15-16,29-31H,1-4,13-14H2
InChI Key	YBLMZJSGNQTCU-UHFFFAOYSA-N
SMILES string	C1CCC(C1)CC2=NC(=CN3C2=NC(=C3O)CC4=CC=C(C=C4)O)C5=CC=C(C=C5)O
Form	Powder
Purity	≥95%
Applications	Coelenterazine cp plays a role in the diagnosis of certain diseases such as cervical cancer.
Storage	Store at -20°C.