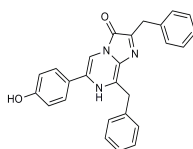


Product: Coelenterazine-h**ALTERNATE NAME:** 2,8-dibenzyl-6-(4-hydroxyphenyl)imidazo[1,2-a]pyrazin-3(7H)-one; 2-Deoxycoelenterazine**CATALOG #:** 2742-100, 1000**AMOUNT:** 100 µg, 1 mg**STRUCTURE:****MOLECULAR FORMULA:** C₂₆H₂₁N₃O₂**MOLECULAR WEIGHT:** 407.47**CAS NUMBER:** 50909-86-9**APPEARANCE:** Yellow solid**SOLUBILITY:** DMSO (10 mg/ml) or MeOH (1 mg/ml)**PURITY:** ≥97% by HPLC**STORAGE:** Store at -20 °C. Protect from air and light**DESCRIPTION:** Coelenterazine-h is the 2-deoxy derivative of the native Coelenterazine (Cat. No. 2536). Coelenterazine-h produces 10-fold higher light output than native coelenterazine with Renilla luciferase. Coelenterazine-h also undergoes autoluminescence which is enhanced by superoxide anion and peroxynitrite in cells. May be used in gene reporter assays, live cell assays and biochemical assays (ELISA, BRET etc).**REFERENCE:** Inouye, S., *et al.* (1992). *Anal. Biochem.* **201**, 114.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

Coelenterazine, Native (Cat. No. 2536-500, 1000)

Coelenterazine -h (Cat. No. 2742-250, 1000)

ADP Colorimetric/Fluorometric Assay Kit (Cat. No. K355-100)

ADP/ATP Ratio Assay Kit (K255-200)

ATP Cell Viability Assay Kit (Cat. No. K254-200)

ATP Colorimetric/Fluorometric Assay Kit (Cat. No. K354-100)

Bioluminescence Cytotoxicity Assay Kit (K312-500)

Luciferase Polyclonal Antibody (Cat. No. 3848-500)

Luciferase Reporter Assay Kit (K801-200)

Luciferin Potassium Salt (Cat. No. 7903-100, 1G, 10G)

Luciferin Sodium Salt (Cat. No. 7902-100, 1G, 10G)

StayBrite™ Highly Stable Recombinant Luciferase (Cat. No. 7901-150)

StayBrite™ Highly Stable Luciferase/Luciferin Reagent (Cat. No. K790-100, 1000, 10,0000)

StayBrite™ Highly Stable ATP Assay Kit (Cat. No. K791-100,-1000)