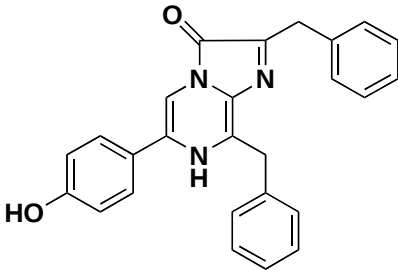


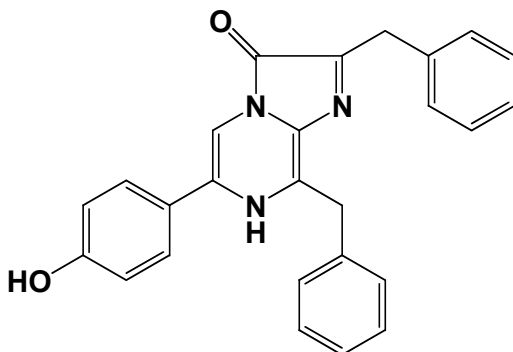
<i>h</i>-Coelenterazine	
Cat. No.:	S-002
Product code:	HZ
Product name:	<i>h</i> -Coelenterazine
Chemical structure:	
Chemical name:	2, 8-Dibenzyl-6-(<i>p</i> -hydroxyphenyl)imidazo[1,2- <i>a</i>]pyrazin-3-(7 <i>H</i>)-one
Formula:	C ₂₆ H ₂₁ N ₃ O ₂
Molecular weight:	407.47
Size:	250 µg (HZ-250), 1 mg (HZ-1000)
Purity:	>98% on HPLC
Shape:	Yellow powder
Storage:	Stored below –20 °C
Solubility:	Solved in methanol
Use:	Substrate for luciferases and photoproteins.
References:	Inouye, S., Iimori, R., Sahara, Y., Hisada, S. and Hosoya, T. (2010) Application of new semisynthetic aequorins with long half-decay time of luminescence to G-protein-coupled receptor assay. <i>Anal. Biochem.</i> 407, 247-252(PMID:20800051).
Laboratory Reagent For Research Use Only	
Not for resale without prior written consent from JNC Corporation.	

Supplier	Contact us
JNC CORPORATION Shin Otemachi Bldg. 9F 2-2-1 Otemachi, Chiyoda-ku, Tokyo 100-8105 URL http://www.jnc-corp.co.jp	JNC Corporation, Yokohama Research Center 5-1 Okawa, Kanazawa-ku, Yokohama, Japan 236-8605 Tel: 045-786-5501 Fax: 045-786-5511 E-mail: jphoton@jnc-corp.co.jp

h-Coelenterazine

Cat. No. : S-002

Product code : HZ



$C_{26}H_{21}N_3O_2 = 407.47$

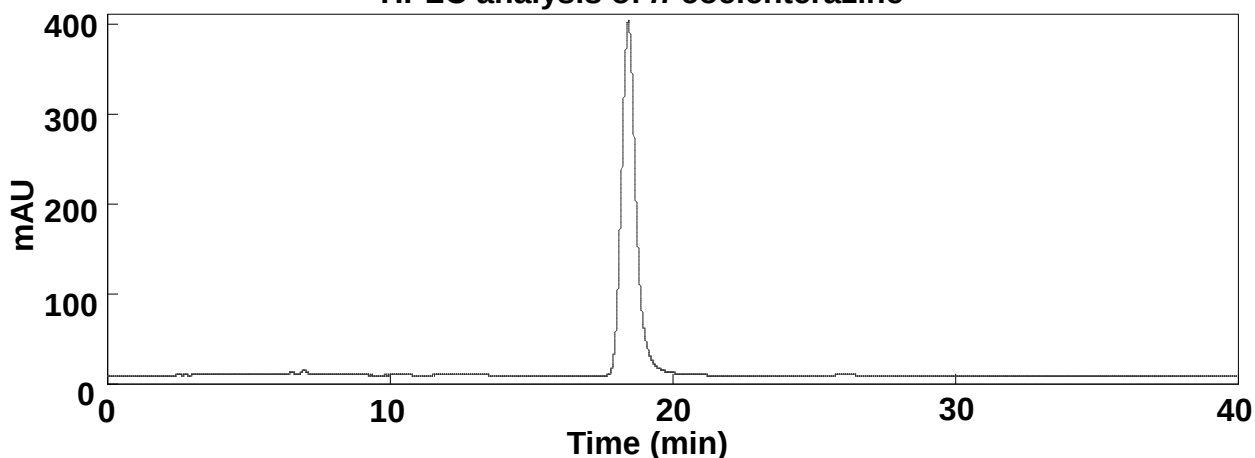


h-Coelenterazine

Product information of *h*-coelenterazine

Chemical name : 2,8-Dibenzyl-6-(*p*-hydroxyphenyl)imidazo[1,2-*a*]pyrazin-3-(7*H*)-one
 Formula : $C_{26}H_{21}N_3O_2$
 Molecular weight : 407.47
 Storage : Store away from light and below $-20\text{ }^{\circ}\text{C}$ (Solid)
 Solubility : Soluble in methanol
 Purity : > 98% on HPLC

HPLC analysis of *h*-coelenterazine



HPLC conditions

Column : Lichrosorb RP-18 (Merck, 5 μm , 4 x 125 mm)
 Mobile phase : 0.1 % TFA aq : MeOH = 4 : 6
 Flow rate : 0.45 ml / min
 Detection : UV 225 nm
 Sample : 5 μl

Supplier	Contact us
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