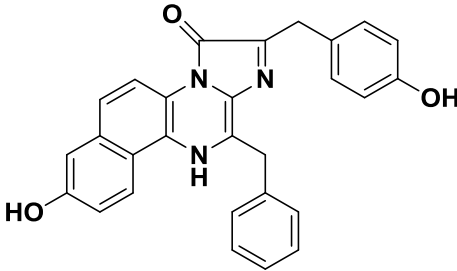


v-Coelenterazine	
Cat. No.:	S-013
Product code:	vZ
Product name:	v-Coelenterazine
Chemical structure:	
Chemical name:	12-benzyl-8-hydroxy-2-(4-hydroxybenzyl)benzo[f]imidazo[1,2-a]quinoxalin-3(11H)-one
Formula:	C ₂₈ H ₂₁ N ₃ O ₃
Molecular weight:	447.49
Size:	100 µg (vZ-100)
Purity:	-
Shape:	Brown powder
Storage:	Stored below -20 °C
Solubility:	Solved in methanol (Stored at -80 °C)
Use:	Substrate for luciferases and photoproteins.
References:	1) Inouye, S. and Shimomura, O. (1997) The use of <i>Renilla</i> luciferase, <i>Oplophorus</i> luciferase and apoaequorin as bioluminescent reporter protein in the presence of coelenterazine analogues as substrate. <i>Biochem. Biophys. Res. Commun.</i> 233, 349-353(PMID:9144537). 2) Hosoya, T., Iimori, R., Yoshida, S., Sumida, Y., Sahara-Miura, Y., Sato, J. and Inouye, S. (2015) Concise Synthesis of v-Coelenterazines. <i>Org. Lett.</i> 17, 3888-3891(PMID:26194904).
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