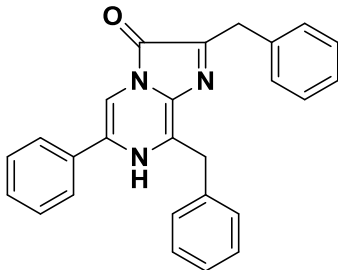


bis-Coelenterazine	
Cat. No.:	S-012
Product code:	bisZ
Product name:	bis-Coelenterazine
Chemical structure:	
Chemical name:	2,8-dibenzyl-6-phenylimidazo[1,2-a]pyrazin-3(7H)-one
Formula:	C ₂₆ H ₂₁ N ₃ O
Molecular weight:	391.47
Size:	250 µg (bisZ-250), 1 mg (bisZ-1000)
Purity:	>95% on HPLC
Shape:	Yellow powder
Storage:	Stored below -20 °C
Solubility:	Solved in methanol
Use:	Substrate for luciferases and photoproteins.
References:	1) Nakamura, H., Wu, C., Murai, A., Inouye, S. and Shimomura, O. (1997) Efficient bioluminescence of bisdeoxycoelenterazine with the luciferase of a deep-sea shrimp <i>Oplophorus</i>. <i>Tetrahedron Lett.</i> 38, 6405-6406. 2) Inouye, S., Sato, J., Sahara-Miura, Y., Yoshida, S., Kurakata, H. and Hosoya, T. (2013) C6-Deoxy coelenterazine analogues as an efficient substrate for glow luminescence reaction of nanoKAZ: the mutated catalytic 19 kDa component of <i>Oplophorus</i> luciferase. <i>Biochem. Biophys. Res. Commun.</i> 437, 23-28(PMID:23792095).
Laboratory Reagent For Research Use Only	
Not for resale without prior written consent from JNC Corporation.	

Supplier	Contact us
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