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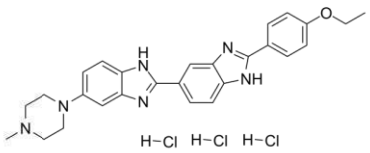
北京索莱宝科技有限公司

产品说明

Product Specification

产品编号 **Cat Number**	IH0070	
产品名称 **Product Name**	NO33342 荧光染料 Hoechst 33342	
产品类型 **Product Type**	小分子化合物 Small molecule compounds	
CAS.	875756-97-1	
分子式 **Formula**	$C_{27}H_{28}N_6O \cdot 3HCl$	
分子量 **Molecular Wt**	561.9	
外观 **Appearance**	Yellow to green (Solid)	
纯度 **Purity**	Purity ≥98%	
靶点 **Target**	--	
通路 **Pathway**	--	
保存 **Storage**	Powder -20℃ 1 years In solvent -20℃ 1 month -80℃ 6 months *配成溶液后，-20℃保存时，建议 1 个月内用完；-80℃保存时，建议 6 个月内用完 * protect from light	

产品描述 **Description**	是一种可以穿透细胞膜的蓝色荧光染料，它在嵌入双链 DNA 后释放强烈的蓝色荧光，对细胞的毒性较低。 It is a blue fluorescent dye that can penetrate cell membranes. It releases strong blue fluorescence after being embedded in double-stranded DNA, and is less toxic to cells.
溶解性 **Solubility**	**In Vitro:** Soluble in Water ≥ 1 mg/mL * 产品为非无菌包装，请根据实验需求提前做好预处理。一旦配成储备液，建议分装保存，避免反复冻融造成的产品失效。 * The product is non-sterile packaging, please do pre-treatment in advance according to experimental needs. Once the stock solution is prepared, it is recommended to store in aliquots to avoid product failure caused by repeated freezing and thawing.
相关文献 **Rreferences**	[1] Liu Yanhong,Li Ziwei,Yin Zhibin,Zhang Hongxin,Gao Yang,Huo Guoyan,Wu Aiguo,Zeng Leyong. Amplified Photoacoustic Signal and Enhanced Photothermal Conversion of Polydopamine-Coated Gold Nanobipyramids for Phototheranostics and Synergistic Chemotherapy.[J]. ACS applied materials & interfaces,2020,12(13).（IF: 14.659） [2] [1]Qing Chen,Guannan Guan,Feiyang Deng,Dan Yang,Peiyao Wu,Shuangming Kang,Ruimeng Sun,Xiaoyou Wang,Demin Zhou,Wenbing Dai,Xueqing Wang,Hua Zhang,Bing He,Dawei Chen,Qiang Zhang. Anisotropic active ligandations in siRNA-Loaded hybrid nanodiscs lead to distinct carcinostatic outcomes by regulating nano-bio interactions[J]. Biomaterials,2020,251.（IF: 10.273） [3] Qi Shuai,Yue Cai,Guangkuo Zhao,Xuanrong Sun. Cell-Penetrating Peptide Modified PEG-PLA Micelles for Efficient PTX Delivery[J]. International Journal of Molecular Sciences,2020,21(5).（IF: 4.183） （See more information on http://www.solarbio.com/） （Welcome to follow our company scholarship program: http://www.solarbio.com/lw.php）

Note：

1. **产品信息仅供参考，如有疑问请致电 400-968-6088 咨询。**
2. **本产品仅供科研使用。请勿用于医药、临床诊断或治疗，食品及化妆品等用途。**
3. **为了您的安全和健康，请穿好实验服并佩戴一次性手套和口罩操作。**

* **Product information is for reference only. Welcome to call 400-968-6088 for consultation.**

* **This product is for scientific research use only. Not used for medical, clinical and other purposes.**

* **For your safety and health, please wear lab coats and wear disposable gloves and masks.**