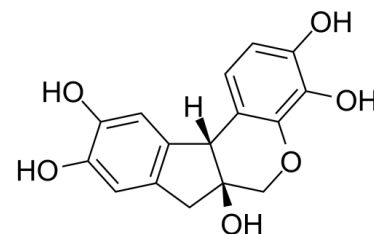


Data Sheet

Product Name:	Hematoxylin
Cat. No.:	CS-5341
CAS No.:	517-28-2
Molecular Formula:	C ₁₆ H ₁₄ O ₆
Molecular Weight:	302.28
Target:	Others
Pathway:	Others
Solubility:	DMSO : 50 mg/mL (165.41 mM; Need ultrasonic); H ₂ O : 6.67 mg/mL (22.07 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

Hematoxylin is a natural product.

References:

- [1]. EF Kingston, et al. Vascular invasion is underrecognized in colorectal cancer using conventional hematoxylin and eosin staining. , 2007, 50(11):1867-1872
- [2]. JE Grilley-Olson, et al. Validation of interobserver agreement in lung cancer assessment: hematoxylin-eosin diagnostic reproducibility for non-small cell lung cancer: the 2004 World Health Organization classification and therapeutically relevant subsets. Archives of pathology & laboratory medicine 2013,137(1): 32-40
- [3]. HR Zare, et al. Simultaneous determination of ascorbic acid, adrenaline and uric acid at a hematoxylin multi-wall carbon nanotube modified glassy carbon electrode. Sensors & Actuators B Chemical, 2010, 143(2):666-672

CAIndexNames:

Benz[b]indeno[1,2-d]pyran-3,4,6a,9,10(6H)-pentol, 7,11b-dihydro-, (6aS,11bR)-

SMILES:

OC1=CC=C([C@]2([H])[C@](CC3=C2C=C(O)C(O)=C3)(O)CO4)C4=C1O yBw4y7IpI7IuI72X

Caution: Product has not been fully validated for medical applications. For research use only.

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