



biochemicals

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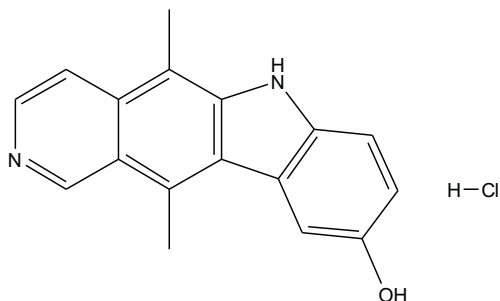
Product Data Sheet

Product name: **9-Hydroxyellipticine, hydrochloride**

Cat. number: **VD-OEIA-00092** CAS Number: **52238-35-4** Lot number: **VD1099144** www.vdm.bio.com

Personal protective equipment

- Lab coat.
- Safety glasses.



Product Specification

Formula:	C ₁₇ H ₁₄ N ₂ O · HCL
MW:	298.77
Purity:	>=95% by HPLC
Appearance:	Brown solid
Solubility:	PBS or H ₂ O
Storage:	-20°C. Protect from light.
Synonyms:	9-HE, HCl; Nsc264136

Product Description:

A cell-permeable antitumor alkaloid that acts as a potent inhibitor of topoisomerase II (IC₅₀ = 3.3 μM). Restores functional wild-type p53 activity via inhibition of mutant p53 protein phosphorylation. Suppresses Cdk2 activity in a concentration-dependent manner. Also reported to inhibit telomerase activity in cultured pancreatic cells, possibly through inhibition of protein kinases. Binds to the aryl hydrocarbon receptor (AhR) in rat lung cytosol and inhibits aryl hydrocarbon hydroxylase (AHH) activity in rat hepatic microsomes.

Product References

1. Mizumoto, K., et al. 2000. Cancer Lett. 149, 85. Perry, P.J., et al. 1999.

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