

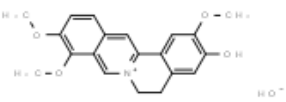
## Certificate of Analysis

Target	Inhibitors & Agonists>>Metabolic Enzyme/Protease>>Acetylcholinesterase (AChE)
Cat.No	DC41298
Name	Jatrorrhizine hydroxide

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## Chemical Properties

CAS	483-43-2
Formula	C <sub>20</sub> H <sub>21</sub> NO <sub>5</sub>
MW	355.38
Storage	4°C, protect from light*In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)
Structure	 <p>The image shows the chemical structure of Jatrorrhizine hydroxide. It is a complex polycyclic alkaloid consisting of a piperidine ring fused to a benzene ring, which is further fused to a quinoline ring system. The quinoline ring has a methoxy group (-OCH<sub>3</sub>) at the 6-position and a hydroxyl group (-OH) at the 8-position. The piperidine ring is also substituted with a methoxy group (-OCH<sub>3</sub>) and a hydroxyl group (-OH). The nitrogen atom in the piperidine ring is positively charged, and there is a hydroxide ion (HO<sup>-</sup>) nearby, indicating the hydroxide salt form of the compound.</p>
Purity	>98%

**Website:**  
www.dcchemicals.com