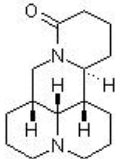


Product datasheet

Matrine ab142910

1 Image

Overview

Product name	Matrine
Description	Active alkaloid extract from <i>Sophora flavescens</i>
Biological description	Active alkaloid extract from <i>Sophora flavescens</i> . Various pharmacological effects including antineoplastic, antifibrotic, anti-inflammatory, and antitumor activities. Induces apoptosis by collapsing mitochondrial membrane potential. Inhibits C. parvum infection and potential therapeutic agent for enterovirus 71 infection.
Purity	> 98%
CAS Number	519-02-8
Chemical structure	

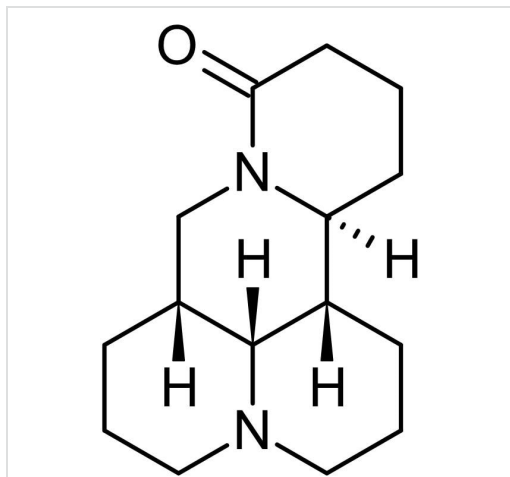
Properties

Chemical name	(7a <i>S</i> ,13a <i>R</i> ,13b <i>R</i> ,13c <i>S</i>)-Dodecahydro-1 <i>H</i> ,5 <i>H</i> ,10 <i>H</i> -dipyrido[2,1- <i>f</i> :3',2',1'- <i>ij</i>][1,6]naphthyridin-10-one
Molecular weight	248.37
Molecular formula	C ₁₅ H ₂₄ N ₂ O
PubChem identifier	91466
Storage instructions	Store at +4°C. The product can be stored for up to 12 months.
Solubility overview	Soluble in water
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	C1CC2C3CCCN4C3C(CCC4)CN2C(=O)C1

Source

Synthetic

Images



2D chemical structure image of ab142910, Matrine

Chemical Structure - Matrine (ab142910)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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