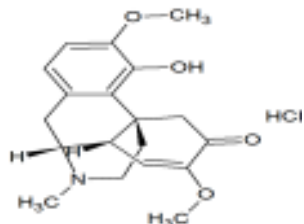


# Sinomenine hydrochloride

**ALTERNATE NAME:** (9a,13a,14a)-7,8-didehydro-4-hydroxy-3,7-dimethoxy-17-methyl-morphinan-6-one, monohydrochloride  
Cucoline  
NSC 76021

**CATALOG #:** B2741-10 10 mg  
B2741-50 50 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>19</sub>H<sub>23</sub>NO<sub>4</sub> • HCl

**MOLECULAR WEIGHT:** 365.85

**CAS NUMBER:** 6080-33-7

**APPEARANCE:** White to off-white solid

**PURITY:** ≥98%

**SOLUBILITY:** ~20 mg/ml Water

**DESCRIPTION:** Sinomenine is a natural plant alkaloid that displays anti-inflammatory properties. It activates histamine release, reduces joint stiffness and pain, and alters cytokine generation without producing gastrointestinal adverse events. Sinomenine also impairs signaling through NF-κB, resulting in immunosuppression as well as reduced inflammation and pain. Sinomenine potentiates renewal of human embryonic stem cells.

**STORAGE TEMPERATURE:** -20°C. Protect from moisture

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

IKK16 (B1087)  
Parthenolide (1868)  
Triptolide (1761)  
Celastrol (1940)  
Honokiol (1762)

**DISCLAIMER:** *FOR RESEARCH USE ONLY! Not to be used on humans.*