

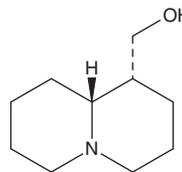
# PRODUCT INFORMATION



## (-)-Lupinine

Item No. 33026

**CAS Registry No.:** 486-70-4  
**Formal Name:** (1R,9aR)-octahydro-2H-quinolizine-1-methanol  
**Synonym:** NSC 21723  
**MF:** C<sub>10</sub>H<sub>19</sub>NO  
**FW:** 169.3  
**Purity:** ≥95%  
**Supplied as:** A crystalline solid  
**Storage:** -20°C  
**Stability:** ≥4 years  
**Item Origin:** Synthetic



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

### Laboratory Procedures

(-)-Lupinine is supplied as a crystalline solid. A stock solution may be made by dissolving the (-)-lupinine in the solvent of choice, which should be purged with an inert gas. (-)-Lupinine is soluble in organic solvents such as ethanol, DMSO, and dimethyl formamide. The solubility of (-)-lupinine in these solvents is approximately 30 mg/ml.

Further dilutions of the stock solution into aqueous buffers or isotonic saline should be made prior to performing biological experiments. Ensure that the residual amount of organic solvent is insignificant, since organic solvents may have physiological effects at low concentrations. Organic solvent-free aqueous solutions of (-)-lupinine can be prepared by directly dissolving the crystalline solid in aqueous buffers. The solubility of (-)-lupinine in PBS (pH 7.2) is approximately 10 mg/ml. We do not recommend storing the aqueous solution for more than one day.

### Description

(-)-Lupinine is an alkaloid originally isolated from *L. luteus*.<sup>1</sup>

### Reference

1. Koziol, A., Kosturkiewicz, Z., and Podkowinska, H. Structure of the alkaloid lupinine. *Acta Cryst.* **B34**, 3491-3494 (1978).

#### WARNING

THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

#### SAFETY DATA

This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the [complete](#) Safety Data Sheet, which has been sent via email to your institution.

#### WARRANTY AND LIMITATION OF REMEDY

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