

## White mineral oil

Cat. No.:	HY-139411
CAS No.:	8042-47-5
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Pure form    -20°C    3 years 4°C        2 years In solvent    -80°C    6 months -20°C    1 month

## White mineral oil

### SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (Need ultrasonic)
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (Infinity mM); Clear solution 2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (Infinity mM); Suspended solution; Need ultrasonic

### BIOLOGICAL ACTIVITY

Description	White mineral oil is the highly refined mineral oil, and is composed of saturated aliphatic and alicyclic nonpolar hydrocarbons. White mineral oil is biologically and chemically stable, and doesn't support pathogenic bacterial growth. White mineral oil can resist moisture, extend, soften, smoothen, and lubricate <sup>[1]</sup> .
-------------	--

### REFERENCES

[1]. J F Nash, et al. A toxicological review of topical exposure to white mineral oils. Food Chem Toxicol. 1996 Feb;34(2):213-25.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA