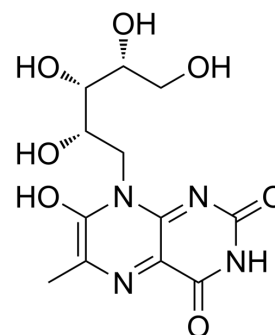


## RL-6-Me-7-OH

Cat. No.:	HY-157194		
CAS No.:	2184-54-5		
Molecular Formula:	C <sub>12</sub> H <sub>16</sub> N <sub>4</sub> O <sub>7</sub>		
Molecular Weight:	328.28		
Target:	Biochemical Assay Reagents		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 33.33 mg/mL (101.53 mM; ultrasonic and warming and heat to 60°C)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.0462 mL	15.2309 mL	30.4618 mL
	5 mM	0.6092 mL	3.0462 mL	6.0924 mL
	10 mM	0.3046 mL	1.5231 mL	3.0462 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

RL-6-Me-7-OH is a hapten that activates human and mouse MAIT cells (EC<sub>50</sub>=25µM). RL-6-Me-7-OH can be combined with carrier proteins and used in antigen design. RL-6-Me-7-OH can be used in inflammation and immunity research<sup>[1]</sup>.

### REFERENCES

[1]. Corbett AJ, et al. Antigen Recognition by MR1-Reactive T Cells; MAIT Cells, Metabolites, and Remaining Mysteries. *Front Immunol.* 2020 Aug 27;11:1961.

**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