

## Trehalose 6,6'-dimycolate

Cat. No.:	HY-W145657
CAS No.:	61512-20-7
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

## Cord factor

### BIOLOGICAL ACTIVITY

#### Description

Trehalose 6,6'-dimycolate (Cord Factor) is trehalose 6,6'-dimycolate, a cell wall glycolipid of *Mycobacterium tuberculosis*, which can be used to simulate inflammation and granuloma induced by *Mycobacterium tuberculosis* (MTB) form. Trehalose 6,6'-dimycolate also protects *Mycobacterium tuberculosis* from macrophage-mediated killing, inhibits efficient antigen presentation, and reduces the development of protective T cell responses<sup>[1][2]</sup>.

**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