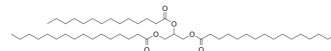


## 2-Myristyldipalmitin

Cat. No.:	HY-157735
CAS No.:	56599-89-4
Molecular Formula:	C <sub>49</sub> H <sub>94</sub> O <sub>6</sub>
Molecular Weight:	779.27
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

2-Myristyl dipalmitin (PMP) is a triglyceride of palmitic acid. 2-Myristyldipalmitin has potential as a lipid marker for Wilson's disease (WD)<sup>[1][2]</sup>.

### REFERENCES

- [1]. F. L. Jackson, et al. The Polymorphism of 2-Myristyldistearin, 2-Myristyldipalmitin, 1-Stearyldimyristin and 1-Palmitylimyristin. J. Am. Chem. Soc. 1949, 71, 6.
- [2]. Yixiao Zhi, et al. HR-MS Based Untargeted Lipidomics Reveals Characteristic Lipid Signatures of Wilson's Disease. Front Pharmacol. 2021.

**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