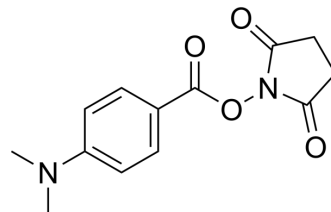


DMABA NHS ester

Cat. No.:	HY-118431
CAS No.:	58068-85-2
Molecular Formula:	C ₁₃ H ₁₄ N ₂ O ₄
Molecular Weight:	262.26
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

DMABA NHS ester can chemically react with the primary amine groups of the major phospholipid component of the cell membrane, Phosphatidylethanolamine (PE). Through precursor ion scanning, all PE subclasses labeled with DMABA can be detected. DMABA NHS ester can be used in combination with isotope-labeled compounds such as DMABA-d6 NHS ester, DMABA-d10 NHS ester, and DMABA-d4 NHS ester to observe changes in the distribution of PE lipids and the formation of novel PE lipid products^[1].

REFERENCES

[1]. Zemski Berry KA, et al. Stable isotope labeled 4-(dimethylamino)benzoic acid derivatives of glycerophosphoethanolamine lipids. *Anal Chem.* 2009 Aug 15;81(16):6633-40.

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