PRODUCT INFORMATION

Pyrrolidino PAF C-16
Item No. 60909

CAS Registry No.: 91021-63-5
Formal Name: 1-O-hexadecyl-2-O-acetyl-sn-glyceryl-3-phosphoryl-N-methyl-pyrrolidinium ethanol
MF: C_{28}H_{56}NO_{7}P
FW: 549.7
Purity: ≥98%
Supplied as: A lyophilized powder
Storage: -20°C
Stability: ≥1 year

Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

Pyrrolidino PAF C-16 is supplied as a lyophilized powder. Aqueous solutions of pyrrolidino PAF C-16 can be prepared by directly dissolving the lyophilized powder in aqueous buffers. The solubility of pyrrolidino PAF C-16 in PBS (pH 7.2) is approximately 25 mg/ml. We do not recommend storing the aqueous solution for more than one day.

Description

Pyrrolidino PAF C-16 is a synthetic analog of PAF C-16. It is a potent mediator of PAF-like activities, including hypotension\(^1,2\) and platelet aggregation, where it is approximately 3-10 times more potent than PAF itself.\(^1,2\)

References