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DATASHEET

Butyrolactone II

Product overview

 Name
 Butyrolactone II

 Cat No
 HB3822

 Purity
 >97%

Description 5-Lipoxygenase (5-LOX) inhibitor

Biological Data

Biological description Antibiotic. Weak cytotoxic towards bacterial and cancer cell lines. 5-Lipoxygenase (5-LOX) inhibitor.

Shows DPPH (2,2-diphenyl-1-picrylhydrazyl) radical-scavening activity.

Solubility & Handling

Storage instructions

Storage of solutions Prepare and use solutions on the same day if possible. Store solutions at -20 °C for up to one month if

storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.

Shipping Conditions Stable for ambient temperature shipping. Follow storage instructions on receipt.

Important This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not

for human or veterinary use.

Chemical Data

Molecular Weight Chemical structure 356.3 H₉CO₂C OH

CAS Number 87414-44-6

InChiKey AEKPZNDJHWFONI-UHFFFAOYSA-N

+4°C

Appearance White to off-white solid