

Product Name: Propranolol glycol

Catalog No.: 0851

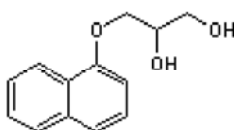
Batch No.: 1

CAS Number: 36112-95-5

IUPAC Name: 2,3-Dihydroxy-1-(1-naphthalenoxy)propane

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₁₃H₁₄O₃
Batch Molecular Weight: 218.25
Physical Appearance: White solid
Solubility: DMSO to 100 mM
Storage: Store at RT
Batch Molecular Structure:



2. ANALYTICAL DATA

TLC: R_f = 0.9 (Pyridine:Acetic acid:Water:Butanol [10:3:5:27])

¹H NMR: Consistent with structure

Microanalysis:

	Carbon	Hydrogen	Nitrogen
Theoretical	71.54	6.47	0
Found	71.85	6.6	0

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

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Description:

Metabolite of propranolol. Propranolol also available.

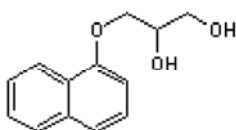
Physical and Chemical Properties:

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Batch Molecular Structure:



Storage: Store at RT

Solubility & Usage Info:

DMSO to 100 mM

Stability and Solubility Advice:

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:

SOLIDS: Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

SOLUTIONS: We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

References:

Bourne (1981) The metabolism of β -adrenoceptor blocking drugs. *Drug Metabolism* **6** 77.

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