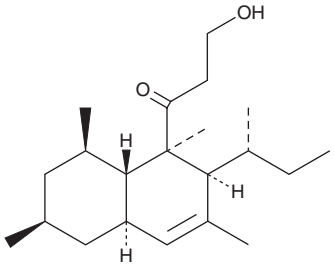
PRODUCT INFORMATION

Probetaenone I

Item No. 33252

CAS Registry No.:	115473-44-4
Formal Name:	3-hydroxy-1-[(1R,2S,4aR,6S,8R,8aS)-1,2,4a,5,6,7,8,8a-octahydro-1,3,6,8-tetramethyl-2-[(1R)-1-methylpropyl]-1-naphthalenyl]-1-propanone
MF:	$C_{21}H_{36}O_2$
FW:	320.5
Purity:	≥95%
Supplied as:	A solid
Storage:	-20°C
Stability:	≥4 years
Item Origin:	Fungus/*Pleospora betae*



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

Laboratory Procedures

Probetaenone I is supplied as a solid. A stock solution may be made by dissolving the probetaenone I in the solvent of choice, which should be purged with an inert gas. Probetaenone I is soluble in methanol and DMSO.

Description

Probetaenone I is an intermediate in the biosynthesis of the phytotoxin betaenone B from *P. betae*.[1]

Reference

1. Oikawa, H., Ichihara, A., and Sakamura, S. Biosynthetic study of betaenone B: Origin of the oxygen atoms and accumulation of a deoxygenated intermediate using P-450 inhibitor. *J. Chem. Soc. Chem. Commun.* **9**, 600-602 (1988).

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