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DATASHEET

D-(+)-Camphoric acid

Product overview

Name D-(+)-Camphoric acid

Cat No HB4631 **Purity** >98%

Description Chirality inducing agent

Biological Data

Biological description Chirality inducing agent. Useful tool as resolving agent to separate the isomers and purify racemic

> mixtures (e.g. DL-lysine) by fractionally crystallizing the product to obtain the pure isomer (e.g. Llysine). Can also be used as building block. Insect repellent. Stimulator of osteoblast differentiation.

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

Chemical name Molecular Weight **Chemical structure** (1R,3S)-1,2,2-Trimethyl-1,3-cyclo-pentanedicarboxylic acid 200.2

CAS Number PubChem identifier

CC1(C)[C@H](CC[C@@]1(C)C([O-])=O)C([O-])=O**SMILES** LSPHULWDVZXLIL-LDWIPMOCSA-N InChiKey

124-83-4

Appearance White powder