
Product Data Sheet

Product Name: Ketocaine (Rec 7-0518)

Cat. No.: GC30445

Chemical Properties

Cas. No. 1092-46-2

SMILES CCCC(C1=CC=CC=C1OCCN(C(C)C)C(C)C)=OFormula $C_{18}H_{29}NO_2$ M.Wt 291.43

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Ketocaine is a butyrophenone derivative, which possesses local anesthetic activity.

Ketocaine modifies the oxygen consumption by tissues with prevailing anaerobic metabolism and to inhibit the mitotic activity of human lymphocytes in culture stimulated by phytohemagglutinin[1].

[1]. Galatulas I, et al. New alkylating agents: butyrophenone derivatives. Anticancer Res. 1986 Jul-Aug;6(4):853-5.

Caution: Product has not been fully validated for medical applications. For research use only.

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