
Product Data Sheet

Product Name: Ro 22-3581

Cat. No.: GC37545

Chemical Properties

Cas. No. 10041-06-2

SMILES CC(C1=CC=C(N2C=CN=C2)C=C1)=OFormula $C_{11}H_{10}N_2O$ M.Wt 186.21

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**

Ro 22-3581 (4'-(Imidazol-1-yl) acetophenone) is a selective thromboxane (Tx) synthetase inhibitor[1]. Thromboxane synthetase[1]

[1]. Uderman HD, et al. Attenuation of the development of hypertension in spontaneously hypertensive rats by the thromboxane synthetase inhibitor, 4'-(imidazol-1-yl) acetophenone. Prostaglandins. 1982 Aug;24(2):237-44.

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

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