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**Product Data Sheet**

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Product Name: Nicotinoyl cyclandelate

Cat. No.: GC36741

**Chemical Properties**

Cas. No. 39537-99-0

SMILES O=C(C1=CC=CN=C1)OC(C2=CC=CC=C2)C(OC3CC(C)(C)CC(C)C3)=OFormula  $C_{23}H_{27}NO_4$  M.Wt 381.46

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**

Nicotinoyl cyclandelate can be used to lower the perfusion pressure of cerebral blood vessels and the blood pressure of femoral artery.

Nicotinoyl cyclandelate (Micinicate) can be used as blood substitute[1].

[1]. Gregori-PuigjanÉ E, et al. Identifying mechanism-of-action targets for drugs and probes. Proc Natl Acad Sci U S A. 2012 Jul 10;109(28):11178-83.

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

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