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**Product Data Sheet**

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Product Name: OR-1855  
Cat. No.: GC39260

**Chemical Properties**

Cas. No. 101328-85-2

SMILES O=C1C[C@@H](C)C(C2=CC=C(N)C=C2)=NN1

Formula  $C_{11}H_{13}N_3O$  M.Wt 203.24

Solubility DMSO : 100 mg/mL (492.03 mM; Need ultrasonic) Storage 4°C, protect from light

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**

OR-1855, an active metabolite of Levosimendan, has effect on human myometrial contractility. Levosimendan is a calcium sensitiser used in the management of acutely decompensated congestive heart failure[1][2].

[1]. Banfor PN, et al. Comparative effects of levosimendan, OR-1896, OR-1855, dobutamine, and milrinone on vascular resistance, indexes of cardiac function, and O<sub>2</sub> consumption in dogs. Am J Physiol Heart Circ Physiol. 2008 Jan;294(1):H238-48. [2]. Mark P. Hehir, et al. 487: OR-1855, a levosimendan metabolite with an effect on human myometrial contractility. December 2009 Volume 201, Issue 6, Supplement, Pages S182-S183.

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

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