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## Product Data Sheet

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Product Name: Dihydrokavain (7,8-Dihydrokawain)

Cat. No.: GC30471

### Chemical Properties

Cas. No. 587-63-3

SMILES O=C1C=C(OC)C[C@H](CCC2=CC=CC=C2)O1

Formula  $C_{14}H_{16}O_3$

M.Wt 232.28

Solubility DMSO : 100 mg/mL (430.51 mM; Need ultrasonic) 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

Dihydrokavain is an analytical reference standard categorized as a kavalactone.<sup>1</sup> Dihydrokavain has analgesic and anxiolytic properties in mice and *G. gallus* chicks, respectively.<sup>1,2</sup> This product is intended for research and forensic applications.

1.Kormann, E.C., de Aguiar Amaral, P., David, M., et al. Kavain analogues as potential analgesic agents *Pharmacol. Rep.* 64(6)1419-1426(2012) 2.Smith, K.K., Dharmaratne, H.R., Feltenstein, M.W., et al. Anxiolytic effects of kava extract and kavalactones in the chick social separation-stress paradigm *Psychopharmacology (Berl.)* 155(1)86-90(2001)

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

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