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**Product Data Sheet**


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Product Name: Roy-Bz  
 Cat. No.: GC37563

**Chemical Properties**

Cas. No. 1246304-91-5

SMILES O=C1C(C(C)C)=C(OC(C2=CC=CC=C2)=O)C(C3=C1[C@H](OC(C)=O)[C@@H](OC(C4=CC=CC=C4)=O)[C@@]5([H])C(C)(C)CCC[C@]35C)=O

Formula C<sub>36</sub>H<sub>38</sub>O<sub>8</sub> M.Wt 598.68

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**

Roy-Bz is a selective PKC $\delta$  activator. Roy-Bz potently inhibits the proliferation of colon cancer cells by inducing a PKC $\delta$ -dependent mitochondrial apoptotic pathway involving caspase-3 activation[1]. PKC $\delta$ [1]

[1]. Bessa C, et al. Discovery of a small-molecule protein kinase C $\delta$ -selective activator with promising application in colon cancer therapy. Cell Death Dis. 2018 Jan 18;9(2):23.

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

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