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## Product Data Sheet

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Product Name: Bambuterol

Cat. No.: GC13577

### Chemical Properties

Cas. No. 81732-65-2

SMILES O[C@H](C1=CC(OC(N(C)C)=O)=CC(OC(N(C)C)=O)=C1)CNC(C)(C)C

Formula C18H29N3O5 M.Wt 367.44

Solubility  $\geq 17.3\text{mg/mL}$  in DMSO with gentle warming Storage Store at  $-20^{\circ}\text{C}$

General tips For obtaining a higher solubility, please warm the tube at  $37^{\circ}\text{C}$  and shake it in the ultrasonic bath for a while. Stock solution can be stored below  $-20^{\circ}\text{C}$  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

Bambuterol ((±)-Bambuterol; KWD-2183) is a long acting beta-adrenoceptor agonist (LABA) used in the treatment of asthma; it also is a prodrug of terbutaline.

Bambuterol ((±)-Bambuterol; KWD-2183) is contraindicated in pregnancy and in people with seriously impaired liver function. It can be used by people with renal impairment, but dose adjustments are necessary. The adverse effect profile of bambuterol is similar to that of salbutamol, and may include fatigue, nausea, palpitations, headache, dizziness and tremor.

References:

[1]. Bambuterol, From Wikipedia

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

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