

## Product Data Sheet

Product Name: AVE1231

Cat. No.: GC72973

### Chemical Properties

Cas. No. 767334-89-4

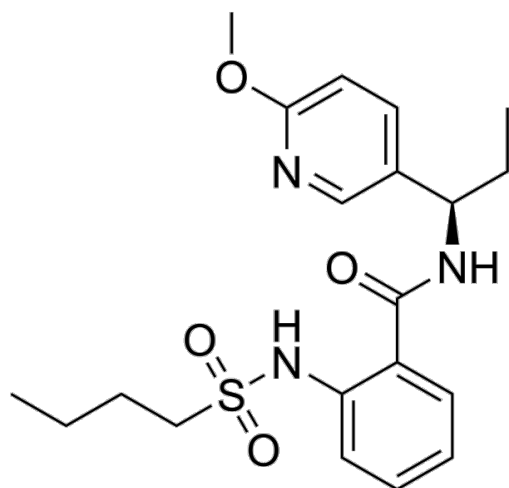
Formula  $C_{20}H_{27}N_3O_4S$  M.Wt 405.51

Solubility DMSO : 125 mg/mL (308.25 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

AVE1231 (A293) is a dual-pore potassium channel TASK-1 inhibitor with antiarrhythmic activity<sup>[1]</sup>.

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

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### References:

[1]. Wiedmann F, et al. Identification of the A293 (AVE1231) binding site in the cardiac two-pore-domain potassium channel TASK-1: a common low affinity antiarrhythmic drug binding site[J]. Cellular Physiology & Biochemistry (Cell Physiol Biochem Press GmbH & Co. KG), 2019, 52(5).

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