
Product Data Sheet

Product Name: Vernakalant

Cat. No.: GC37897

Chemical Properties

Cas. No. 794466-70-9

SMILES COC1=C(C=C(C=C1)CCO[C@H]2[C@@H](CCCC2)N3CC[C@H](C3)O)OCFormula C₂₀H₃₁NO₄ M.Wt 349.46

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**

Vernakalant (RSD-1235, MK-6621) is a novel, frequency-dependent Na⁺ channel and early activating K⁺ channel blocker that selectively prolongs the atrial refractory period.

[1] I. Stiell, et al. EDWARD A. PANACEK, MD, MPH| VOLUME 48, ISSUE 4, SUPPLEMENT , 46-47,

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

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