

Product Data Sheet

Product Name: VU 0029767

Cat. No.: GB40405

Chemical Properties

Cas. No. 326001-01-8

Formula $C_{21}H_{21}N_3O_3$

M.Wt 363.41

Solubility

Storage

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

Positive allosteric modulator of M1. VU 0029767 potentiates the agonistic effect of ACh for M1 (Ki value shifted by VU0029767 (3, 10 and 30 M) and shifted the ACh competition curve by 1.7 0.8-, 4.9 2.0-, and 8.8 1.9-fold, respectively, compared to control (DMSO; Ki value 8.7 μM). VU0029767 potentiates ACh-mediated intracellular calcium mobilization, but not phospholipase D activation.

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

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