

Product Data Sheet

Product Name: SKF96067

Cat. No.: GC30418

Chemical Properties

Cas. No. 115607-61-9

SMILES CCCC(C1=C(NC2=CC=CC=C2C)C3=CC=CC(OC)=C3N=C1)=O

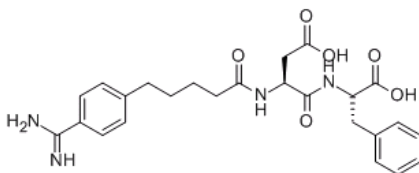
Formula $C_{21}H_{22}N_2O_2$ M.Wt 334.41

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

SKF96067 is a reversible inhibitor of the gastric H^+/K^+ -ATPase.

SKF96067 inhibits K^+ -stimulated ATPase activity competitively with respect to the activating action K^+ , with a K_i value of $0.39 \pm 0.05 \mu M$. SKF96067 also inhibits hydrogen ion transport. SKF96067 inhibits ATPase activity with an IC_{50} value of $60 \pm 10 \mu M$ at pH 7.0, in the presence of 100 mM NaCl and 1 mM KCl[1].

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

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[1]. Keeling DJ, et al. SK&F 96067 is a reversible, lumenally acting inhibitor of the gastric (H⁺ + K⁺)-ATPase. *Biochem Pharmacol.* 1991 Jun 21;42(1):123-30.

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