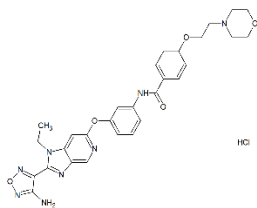


GSK-269962 hydrochloride

ALTERNATE NAME: GSK269962
GSK26996B
GSK-269962A
N-[3-[[2-(4-amino-1,2,5-oxadiazol-3-yl)-1-ethyl-1H-imidazo[4,5-c]pyridin-6-yl]oxy]phenyl]-4-[2-(4-morpholinyl)ethoxy]-benzamide hydrochloride

CATALOG #: B2425-5 5 mg
B2425-25 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₉H₃₁ClN₈O₅

MOLECULAR WEIGHT: 607.07

CAS NUMBER: 2095432-71-4

APPEARANCE: Crystalline solid

PURITY: ≥98% by HPLC

SOLUBILITY: >50 mg/ml DMSO

STORAGE CONDITIONS: -20°C

DESCRIPTION: GSK-269962 is a potent and selective Rho kinase (ROCK) inhibitor (IC₅₀ values are 1.6 and 4 nM for recombinant human ROCK1 and ROCK2 respectively). It displays >30-fold selectivity for ROCK against a panel of serine/threonine kinases. Induces vasorelaxation in precontracted rat aorta (IC₅₀ = 35 nM) and lowers blood pressure in a rat model of hypertension.

REFERENCES: Doe, C., et al. (2007). J. Pharmacol. Exp. Ther. 320, 89-98.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

GSK429286A (2637)
GSK-269962 (9654)
(S)-H-1152 dihydrochloride (B1106)
Y-27632 dihydrochloride (1596)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*