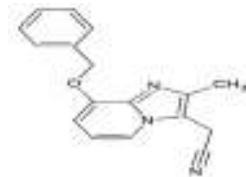


SCH-28080

ALTERNATE NAME: 2-methyl-8-(phenylmethoxy)imidazo[1,2-a]pyridine-3-acetonitrile

CATALOG #: B3311-1 1 mg
B3311-5 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₇H₁₅N₃O

MOLECULAR WEIGHT: 277.32

CAS NUMBER: 76081-98-6

APPEARANCE: Beige solid

PURITY: ≥98% by HPLC

SOLUBILITY: >5 mg/ml DMSO

DESCRIPTION: SCH-28080 is a potent H⁺, K⁺-ATPase inhibitor (IC₅₀ = 20 nM); binds to the K⁺ recognition site and is competitive with respect to K⁺. Inhibits gastric acid secretion in vitro and in vivo.

STORAGE TEMPERATURE: -20°C. Protect from light

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

RELATED PRODUCTS:

Oosporein (B2476)
Bufalin (2509)
NSC-23925 (2686)
Bafilomycin A1 (1829)

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