

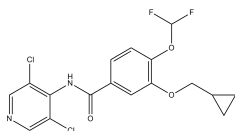
Product: Roflumilast

ALTERNATE NAME: 3-(Cyclopropylmethoxy)-N-(3,5-dichloro-4-pyridinyl)-4-(difluoromethoxy)benzamide; B 9302-107; BY 217; BYK 20869; Daxas

CATALOG #: 2675-10, 50

AMOUNT: 10 mg, 50 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₇H₁₄Cl₂F₂N₂O₃

MOLECULAR WEIGHT: 403.21

CAS NUMBER: 162401-32-3

APPEARANCE: White to off-white solid

SOLUBILITY: DMSO (>20 mg/ml)

PURITY: ≥98% by HPLC

STORAGE: Store at -20 °C. Protect from air and light

DESCRIPTION: Roflumilast is a selective phosphodiesterase 4 (PDE4) inhibitor (IC₅₀ = 0.8 nM). Displays anti-inflammatory properties.

REFERENCES: Hatzelmann, A., and Schudt, C. (2001). *J. Pharmacol. Exp. Ther.* **297**, 267-279.

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

RELATED PRODUCTS:

Apremilast (Cat. No. 2352-5, 25)
Cilostamide (Cat. No. 2560-5, 25)
Cilostazol (Cat. No. 2393-5, 25)
IBMX (Cat. No. 1714-100)
Milrinone (Cat. No. 2163-5, 25)
PhosphoSeek™ PDE5 A Assay Kit (Cat. No. K705-400)
PDE3 Antibody (Cat. No. 3956-200)
(R,S)-Rolipram (Cat. No. 2010-5)
RO 20-1724 (Cat. No. 2042-50, 250)
Zaprinast (Cat. No. 1715-25)

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