

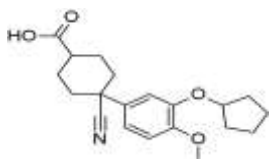
PRODUCT: Cilomilast

ALTERNATE NAME: cis-4-Cyano-4-[3-(cyclopentyloxy)-4-methoxyphenyl]cyclohexane-1-carboxylic acid; SB 207499, SB-207499; Ariflo

CATALOG #: B2182-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₀H₂₅NO₄

MOLECULAR WEIGHT: 343.42

CAS NUMBER: 153259-65-5

APPEARANCE: White to off-white solid

SOLUBILITY: DMSO (~ 15 mg/ml)

PURITY: ≥98% by HPLC

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

DESCRIPTION: Cilomilast is an orally active, second-generation phosphodiesterase (PDE) inhibitor that may be effective in the treatment of asthma and chronic obstructive pulmonary disease (COPD). It has high selectivity for the cyclic AMP-specific, or PDE4, isoenzyme that predominates in pro-inflammatory and immune cells and is ten-fold more selective for PDE4D than for PDE4A, B and C.

REFERENCES: Giembycz, M.A. (2001). *Expert Opin. Invest. Drugs* **10**, 1361-1379.

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)

Cilomilast (Cat. No. B2182-5,25)

Cilostamide (Cat. No. 2560-5, 25)

Cilostazol (Cat. No. 2393-5, 25)

GSK-356278 (Cat. No. B1292-5,25)

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)

PF-04447943 (Cat. No. B1264-5,25)

Pimobendan (Cat. No. 9676-50, 250)

(R,S)-Rolipram (Cat. No. 2010-5)

RO 20-1724 (Cat. No. 2042-50, 250)

Roflumilast (Cat. No. 2675-10, 50)

Sildenafil Citrate (Cat. No. 2872-10,50)

TAK-063 (Cat. No. B1067-10, 50)

Zaprinast (Cat. No. 1715-25)

USAGE: **FOR RESEARCH USE ONLY! Not to be used in humans**