

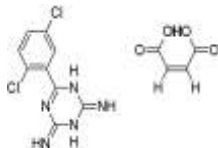
PRODUCT: Irsogladine maleate

ALTERNATE NAME: 6-(2,5-Dichlorophenyl)-1,3,5-triazine-2,4-diamine maleate

CATALOG #: B2187-50, 250

AMOUNT: 50 mg, 250 mg

STRUCTURE:



MOLECULAR FORMULA: $C_9H_7Cl_2N_5 \cdot C_4H_4O_4$

MOLECULAR WEIGHT: 372.18

CAS NUMBER: 84504-69-8

APPEARANCE: White solid

SOLUBILITY: DMSO (>30 mg/ml) or EtOH (>30 mg/ml)

PURITY: $\geq 98\%$ by HPLC

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

DESCRIPTION: Irsogladine maleate is a potent phosphodiesterase 4 (PDE4) inhibitor that displays gastroprotective properties. It facilitates gap junction intercellular communication through muscarinic acetylcholine receptor binding. It is a potent inhibitor of angiogenesis in wild-type and plasminogen activator-deficient mice.

REFERENCES: Nozaki, S., *et al.* (2004). *Breast Cancer Res. Treat.* **83**, 195-199.

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)

Irsogladine maleate (Cat. No. B2187-50, 250)

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**