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Datasheet for ABIN7233266

Lomeguatrib

1 Image

Overview

Quantity: 10 mg

Application: Inhibition (Inh)

Product Details

Purpose: MGMT inhibitor

Characteristics: Lomeguatrib is a potent (IC₅₀ = 9 nM) inhibitor of O6-Methylguanine-DNA Methyltransferase (MGMT), an important DNA repair protein. It is currently being investigated in cancers that have acquired resistant to the chemotherapeutic temozolomide, as well as other chemotherapeutics.

Purity: >98 %

Chemical Name: 2-Amino-6-[(4-bromo-2-thienyl)methoxy]-9H-purine

Formula: C₁₀H₈BrN₅O₃S

Solubility: Soluble in DMSO (up to 10 mg/ml with warming)

Target Details

Background: O6-(4-Bromothienyl)guanine, Epigenetics, Posttranslational modification, DNA Methyltransferase, Cancer, Chromatin, DNA repair

Molecular Weight: 326.2

CAS-No: 192441-08-0

Application Details

Restrictions: For Research Use only

Handling

Format: Powder

Storage: -20 °C

Images



Molecule

Image 1. /