

BML-259

Cat. No. CEI-0959

Lot. No. (See product label)

Introduction

Description

Potent inhibitor of CDK5/p25 (IC₅₀=64 nM). Inhibits CDK2/cyclin E at slightly higher concentration (IC₅₀=98nM). Protects cells against NAC-amyloid-induced cell death. Cell permeable.

Synonyms

N-(5-Isopropylthiazol-2-yl) phenylacetamide

Product Information

Appearance

White powder

CAS No.

267654-00-2

Molecular Formula

C₁₄H₁₆N₂O₂S

Molecular Weight

260.4

Purity

>98% (TLC: 5% CH₃OH/CH₂Cl₂; R_f=0.46); NMR (Conforms)

Targets

CDK5/p25

Melting Point

150-152°C

Solubility

May be dissolved in DMSO (>25 mg/ml) or DMF (30 mg/ml)