

AS-041164, PI 3-Kg inhibitor

Catalog	Unit
TBI1035-5MG	5 mg
TBI1035-25MG	25 mg

Product Details

Formal Name: 5-(1,3-benzodioxol-5-yl)methylidene-1,3-thiazolidine-2,4-dione

Molecular Formula: C₁₁H₇NO₄S

Formula Weight: 249.24

CAS Number: 6318-41-8

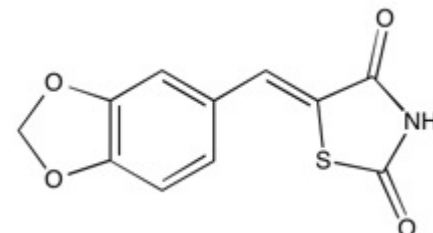
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 25 mg/ml).

Storage: RT

Stability: ≥ 1 year.



Applications

PI 3-Kg inhibitor

Functions

A potent, ATP-competitive, and isoform-selective PI3-Kinase inhibitor (IC₅₀ = 0.07, 0.24, 1.45, and 1.70 μM for the γ, α, β, and δ isoforms respectively). Cell permeable.

Application Procedures

First dissolved in DMSO (up to 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 3 months.

For research use only.