



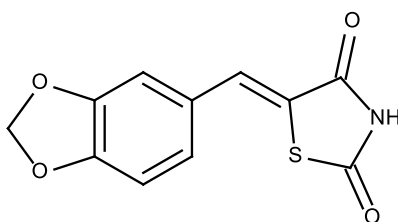
Catalog # 10-1035

AS-041164

CAS# 6318-41-8

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

Lot # Z101244



A potent, ATP-competitive, and isoform-selective PI3-Kinase inhibitor (IC_{50} = 0.07, 0.24, 1.45, and 1.70 μ M for the γ , α , β , and δ isoforms respectively).¹ Cell permeable.

- 1) Ferrandi et al. (2007) *Phosphoinositide 3-kinase gamma inhibition plays a crucial role in early steps of inflammation by blocking neutrophil recruitment*: J. Pharmacol. Exp. Ther. **322**, 923

PHYSICAL DATA

Molecular Weight:	249.24
Molecular Formula:	C ₁₁ H ₇ NO ₄ S
Purity:	98% (TLC)
Solubility:	DMSO (up to 25 mg/ml)
Physical Description:	Yellow solid
Storage and Stability:	Store as supplied at room temperature for up to one year from the date of purchase. Solutions in DMSO may be stored at -20°C for up to 3 months

Materials provided by Focus Biomolecules are for laboratory research use only and are not intended for human or veterinary applications.

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