

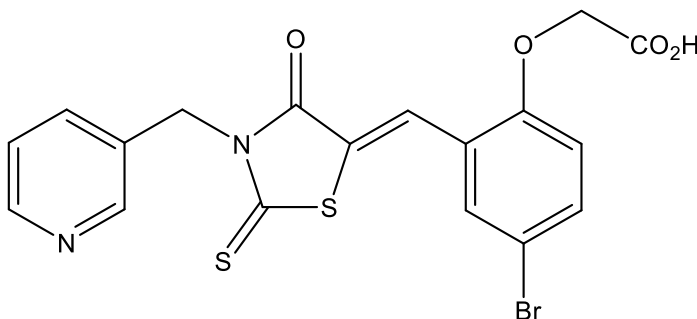
Catalog # 10-1441

SKPin C1

CAS# 432001-69-9

2-[4-Bromo-2-[[4-oxo-3-(3-pyridinylmethyl)-2-thioxo-5-thiazolidinylidene]methyl]-phenoxy]acetic acid

Lot # X105506



Inhibits the cullin-RING ubiquitin E3 ligase SCF-Skp2. Selectively inhibits Skp2-mediated p27 degradation by reducing p27 binding. In cancer cells the compound induces p27 accumulation and promotes cell type-specific blocks in G1 or G2/M phases.^{1,2}

- 1) Rico-Bautista and Wolf (2012), *Skipping cancer: small molecule inhibitors of SKP2-mediated p27 degradation*; Chem.Biol. **19** 1497
- 2) Wu *et al.* (2012), *Specific small molecule inhibitors of Skp2-mediated p27 degradation*; Chem.Biol. **19** 1515

PHYSICAL DATA

Molecular Weight:	465 .34
Molecular Formula:	C ₁₈ H ₁₃ BrN ₂ O ₄ S ₂
Purity:	98% by TLC
	NMR: (Conforms)
Solubility:	DMSO (up to 15 mg/ml with warming)
Physical Description:	Yellow solid
Storage and Stability:	Store as supplied at -20°C for up to 1 year from the date of purchase. Solutions in DMSO may be stored at -20°C for up to 2 months.

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