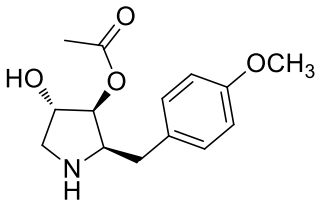
Catalog # 10-2056

Anisomycin

CAS# 22862-76-6

(2R,3S,4S)-4-Hydroxy-2-)4-methoxybenzyl)pyrrolidin-3-yl acetate

Lot # X101405



Activates JNK/SAPKs and reduces *c-fos* and *c-jun*. Protein synthesis inhibitor. Induces apoptosis and sensitizes cells to anoikis. Cell permeable.

1) Hazzalin *et al*. (1998), *Anisomycin Selectively Desensitizes Signalling Components Involved in Stress Kinase Activation and fos and jun Induction*; Mol. Cell. Bio., **8** 1844.
2) Mawji *et a*l. (2007), *A Chemical Screen Indentifies Anisomycin as an Anoikis Sensitizer That Functions by Decreasing FLIP Protein Synthesis;* Cancer Res., **67** 8307

PHYSICAL DATA

Molecular Weight:	265.31
Molecular Formula:	$C_{14}H_{19}NO_4$
Purity:	98% by TLC: 98% by HPLC: NMR: Conforms
Solubility:	DMSO (up to 25 mg/ml)
Physical Description:	White solid
Storage and Stability:	Store as supplied at -20°C for up to 2 years from the date of purchase. Protect from exposure to moisture. Solutions in DMSO may be stored at -20°C for up to 1 month.

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