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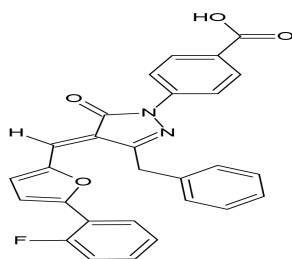
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I κ B Ubiquitination Inhibitor, GS143

ALTERNATE NAME: 4-[(4*E*)-3-benzyl-4-[[5-(2-fluorophenyl)furan-2-yl]methylidene]-5-oxopyrazol-1-yl]benzoic acid; GS-143

CATALOG #: AUR10454

STRUCTURE:



MOLECULAR FORMULA: C₂₈H₁₉FN₂O₄

MOLECULAR WEIGHT: 466.5

CAS#: 916232-21-8

APPEARANCE: Dark red solid

SOLUBILITY: DMSO (25 mg/ml)

PURITY: >97% by HPLC

STORAGE: Store at +2°C to +8°C; Protect from air and light

DESCRIPTION: GS 143 is a β -TrCP1 ligase inhibitor. Inhibits I κ B α ubiquitination (IC₅₀ = 5.2 μ M) without affecting proteasome activity. Blocks LPS-induced expression of inflammatory cytokines in human myelomonocytic cells. Suppresses antigen-induced NF κ B expression, inflammation and mucus production in airways of OVA-sensitized mice.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure