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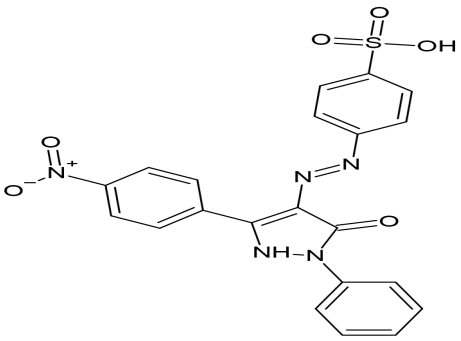
PTPase Inhibitor V, PHPS1

ALTERNATE NAME: 4-[[5-(4-nitrophenyl)-3-oxo-2-phenyl-1*H*-pyrazol-4-yl]diazenyl]benzenesulfonic acid

CATALOG #: AUR10833

STRUCTURE:



MOLECULAR FORMULA: $C_{21}H_{15}N_5O_6S$

MOLECULAR WEIGHT: 465.4

CAS#: 314291-83-3

APPEARANCE: Orange-brown to reddish solid

SOLUBILITY: DMSO (>25 mg/ml)

PURITY: ≥95% by LCMS

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

DESCRIPTION: PHPS1 is a cell-permeable phosphotyrosine mimetic that acts as a reversible, active-site targeting, substrate-competitive inhibitor of Shp-2 (IC_{50} and K_i = 2.1 and 0.73 μM, respectively)

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