Catalog # 10-2520

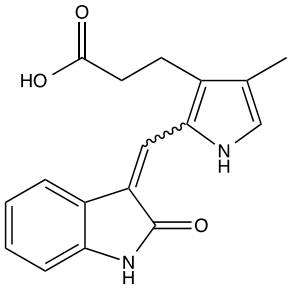
SU-5402

CAS# 215543-92-3

3-[4-Methyl-2-(2-oxo-1,2-dihydro-indol-3-ylidenemethyl)-1H-pyrrol-3-yl]-propionic acid

PF-02969207

Lot # FBS2042



Inhibits FGFR phosphorylation in vitro, in cell culture[1], and in mouse tumor cell models[2]. SU-5402 can suppress ECP induced cardiomyocyte differentiation of P19CL6 embryonic carcinoma cells via an FGFR3 dependent pathway.[3]

1) Lee *et al*. (2013), *Interleukin-1β enhances cell migration through AP-κ1 and NF-B pathway dependent FGF2 expression in human corneal endothelial cells*; Biol. Cell, *epub ahead of print Jan. 18 2013*
2) Paterson *et al*. (2004), *Preclinical studies of fibroblast growth factor receptor 3 as a therapeutic target in multiple myeloma*; Br. J. Haematol., **124** 595
3) Jin *et al*. (2012), *Eosinophil cationic protein enhances cardiomyocyte differentiation of P19CL6 embryonal carcinoma cells by stimulation the FGF receptor signaling pathway*; Growth Factors, **30** 344

PHYSICAL DATA

Molecular Weight:	296.32
Molecular Formula:	$C_{17}H_{16}N_2O_3$
Purity:	98% by HPLC
	NMR: (Conforms)
Solubility:	DMSO (up to 10 mg/ml)
Physical Description:	Orange 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 3 months.

Focus Biomolecules LLC 400 Davis Drive, Suite 600 Plymouth Meeting PA 19462

www.focusbiomolecules.com