

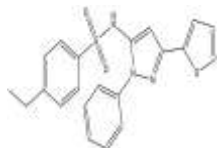
PRODUCT: HSF1A

ALTERNATE NAME: 4-ethyl-N-(2-phenyl-5-thiophen-2-ylpyrazol-3-yl)benzenesulfonamide

CATALOG #: B2280-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₁H₁₉N₃O₂S₂

MOLECULAR WEIGHT: 409.52

CAS NUMBER: 1196723-93-9

APPEARANCE: Off-white solid

SOLUBILITY: DMSO

PURITY: ≥98% by HPLC

STORAGE: Store at -20°C. Protect from air and light

DESCRIPTION: HSF1A is a cell-permeable activator of heat shock transcription factor 1 (HSF1). HSF1A protects cells from stress-induced apoptosis, binds TRiC subunits and inhibits TRiC activity without perturbation of ATP hydrolysis.

REFERENCES: Neef, D.W., *et al.* (2010). *PLoS Biol.* 2010 Jan 19;8(1):e1000291.

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

RELATED PRODUCTS:

HSF1 antibody (**3812**)

HSBP1, human recombinant (**4906**)

KRIBB11 (**B1567**)

USAGE: **FOR RESEARCH USE ONLY! Not to be used in humans**