## MedChemExpress

### **Certificate of Analysis**

# Inhibitors Screening Libraries • Proteins

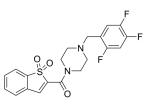
#### **STAT3-IN-15**

Cat. No.:	HY-151976
Batch No.:	289905
Chemical Name:	(1,1-Dioxidobenzo[b]thiophen-2-yl)(4-(2,4,5-trifluorobenzyl)piperazin-1-yl)methanone

#### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C <sub>20</sub> H <sub>17</sub> F <sub>3</sub> N <sub>2</sub> O <sub>3</sub> S	5	
Molecular Weight:	422.42		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

#### **Chemical Structure:**



#### ANALYTICAL DATA

Appearance:	Off-white to light yellow (Solid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (HPLC):	98.99%
Conclusion:	The product has been tested and complies with the given specifications.

#### Caution: Product has not been fully validated for medical applications. For research use only.

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