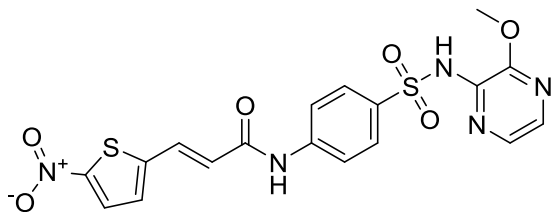




## Certificate of Analysis

<b>MedKoo Cat#:</b>	<b>Product Name:</b>	<b>Lot#:</b>
525389	Necrosulfonamide	A9T10K30

<b>Chemical name</b>	
N-(4-(N-(3-Methoxypyrazin-2-yl)sulfamoyl)phenyl)-3-(5-nitrothiophene-2-yl)acrylamide	
<b>Synonyms</b>	
Necrosulfonamide, MLKL inhibitor; Necrosis Inhibitor III; Mixed Lineage Kinase Domain-Like Protein Inhibitor; Necrosome Inhibitor II	
<b>Chemical structure</b>	<b>CAS# and Theoretical analysis</b>
	MedKoo Cat#: 525389 Name: Necrosulfonamide CAS#: 432531-71-0 Lot#: A9T10K30 Chemical Formula: C <sub>18</sub> H <sub>15</sub> N <sub>5</sub> O <sub>6</sub> S <sub>2</sub> Exact Mass: 461.0464 Molecular Weight: 461.467

<b>Analysis item</b>	<b>Specifications / Results</b>
<b>Appearance</b>	Yellow solid powder
<b>Structure</b>	<sup>1</sup> H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
<b>Purity (HPLC)</b>	>95.0%
<b>Solubility</b>	Soluble in DMSO
<b>Conclusion</b>	This product conforms with MedKoo's quality standards
<b>Shipping condition</b>	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
<b>Storage condition</b>	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
<b>Shelf life</b>	At least 5 years if properly stored.

**CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE**