

# Product data sheet



MedKoo Cat#: 530466 Name: SU 5201 CAS: 114727-43-4 Chemical Formula: C <sub>15</sub> H <sub>9</sub> Cl <sub>2</sub> NO Exact Mass: 289.0061 Molecular Weight: 290.143	
Product supplied as: Powder	
Purity (by HPLC): ≥ 98%	
Shipping conditions: Ambient temperature	
Storage conditions: Powder: -20°C 3 years; 4°C 2 years. In solvent: -80°C 3 months; -20°C 2 weeks.	

## 1. Product description:

SU 5201 is an inhibitor of IL-2 production. It inhibits IL-2 production in peripheral blood mononuclear cells (PBMCs) with an IC<sub>50</sub> value of 1 nM. SU 5201 also inhibits VEGF- or acidic FGF-induced proliferation of human umbilical vein endothelial cells (HUVECs) when used at concentrations of 2.5 and 2.3 μM, respectively.

## 2. CoA, QC data, SDS, and handling instruction

SDS and handling instruction, CoA with copies of QC data (NMR, HPLC and MS analytical spectra) can be downloaded from the product web page under “QC And Documents” section. Note: copies of analytical spectra may not be available if the product is being supplied by MedKoo partners. Whether the product was made by MedKoo or provided by its partners, the quality is 100% guaranteed.

## 3. Solubility data

Solvent	Max Conc. mg/mL	Max Conc. mM
DMSO	41.5	143.03
Ethanol	5.0	17.23

## 4. Stock solution preparation table:

Concentration / Solvent Volume / Mass	1 mg	5 mg	10 mg
1 mM	3.45 mL	17.23 mL	34.47 mL
5 mM	0.69 mL	3.45 mL	6.89 mL
10 mM	0.35 mL	1.72 mL	3.45 mL
50 mM	0.07 mL	0.35 mL	0.69 mL

## 5. Molarity Calculator, Reconstitution Calculator, Dilution Calculator

Please refer the product web page under section of “Calculator”

## 6. Recommended literature which reported protocols for in vitro and in vivo study

In vitro study

TBD

In vivo study

TBD

## 7. Bioactivity

Biological target:

SU5201 is an inhibitor of interleukin-2 (IL-2) production.

In vitro activity

TBD

In vivo activity

TBD

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*Note: The information listed here was extracted from literature. MedKoo has not independently retested and confirmed the accuracy of these methods. Customer should use it just for a reference only.*