

# Product data sheet



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| MedKoo Cat#: 581028<br>Name: SAR348830<br>CAS#: 1462949-64-9<br>Chemical Formula: C <sub>28</sub> H <sub>32</sub> FN <sub>5</sub> O <sub>3</sub> S<br>Exact Mass: 537.2210<br>Molecular Weight: 537.65 |   |
| Product supplied as:   | Powder  |
| Purity (by HPLC):  | ≥ 98%   |
| Shipping conditions  | Ambient temperature   |
| Storage conditions:  | Powder: -20°C 3 years; 4°C 2 years.<br>In solvent: -80°C 3 months; -20°C 2 weeks. |

## 1. Product description:

SAR348830, also known as ALK kinase inhibitor-1, is novel potent and selective inhibitor of anaplastic lymphoma kinase (ALK).

## 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    | 100             | 185.99       |

## 4. Stock solution preparation table:

| Concentration / Solvent Volume / Mass | 1 mg    | 5 mg    | 10 mg    |
|---------------------------------------|---------|---------|----------|
| 1 mM                                  | 1.86 mL | 9.30 mL | 18.60 mL |
| 5 mM                                  | 0.37 mL | 1.86 mL | 3.72 mL  |
| 10 mM                                 | 0.19 mL | 0.93 mL | 1.86 mL  |
| 50 mM                                 | 0.04 mL | 0.19 mL | 0.37 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

To be determined

In vivo study

To be determined

## 7. Bioactivity

Biological target:

SAR348830 is an ALK inhibitor.

In vitro activity

To be determined

In vivo activity

To be determined

*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.*