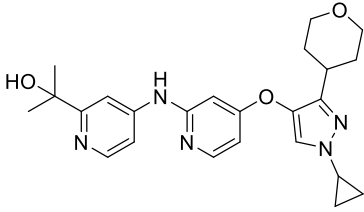


# Product data sheet



MedKoo Cat#: 206929 Name: LY3200882 CAS#: 1898283-02-7 Chemical Formula: C <sub>24</sub> H <sub>29</sub> N <sub>5</sub> O <sub>3</sub> Exact Mass: 435.227 Molecular Weight: 435.528	
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:

LY3200882 is an orally active TGFbeta inhibitor. LY3200882 targets transforming growth factor-beta (TGFb), with potential antineoplastic activity. Upon administration, LY3200882 specifically targets and binds to TGFb, which prevents both the binding of TGFb to its receptor TGFbR and TGFb-mediated signal transduction. This may lead to a reduction in TGFb-dependent proliferation of cancer cells.

## 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	108.5	249.12

## 4. Stock solution preparation table:

Concentration / Solvent Volume / Mass	1 mg	5 mg	10 mg
1 mM	2.30 mL	11.48 mL	22.96 mL
5 mM	0.46 mL	2.30 mL	4.59 mL
10 mM	0.23 mL	1.15 mL	2.30 mL
50 mM	0.05 mL	0.23 mL	0.46 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

N/A

In vivo study

N/A

## 7. Bioactivity

Biological target:

LY3200882 is an ATP-competitive TGF-β receptor type 1 (ALK5) inhibitor with an IC<sub>50</sub> of 38.2 nM.

In vitro activity

N/A

In vivo activity

N/A

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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.*