

Product data sheet



MedKoo Cat#: 527821 Name: Ro 5-5453 CAS#: 60176-59-2 Chemical Formula: C ₉ H ₁₇ N Exact Mass: 139.1361 Molecular Weight: 139.24	
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:

Ro 5-5453 is a monoamine oxidase inhibitor.

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
To be determined	To be determined	To be determined

4. Stock solution preparation table:

Concentration / Solvent Volume / Mass	1 mg	5 mg	10 mg
1 mM	7.18 mL	35.91 mL	71.82 mL
5 mM	1.44 mL	7.18 mL	14.36 mL
10 mM	0.71 mL	3.59 mL	7.18 mL
50 mM	0.14 mL	0.71 mL	1.44 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:

Ro 5-5453 inhibits monoamine oxidase, which is an enzyme involved in removing the neurotransmitters norepinephrine, serotonin and dopamine from the brain.

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.