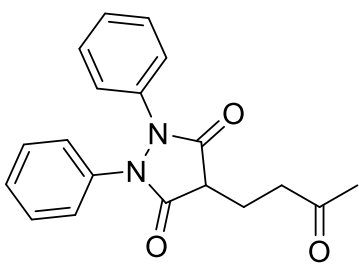


Product data sheet



| | | |
|--|---|---|
| MedKoo Cat#: 319621 Name: Kebuzone CAS: 853-34-9 Chemical Formula: C ₁₉ H ₁₈ N ₂ O ₃ Exact Mass: 322.1317 Molecular Weight: 322.364 | |  |
| 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:

Kebuzone is a non-steroidal anti-inflammatory drug. Kebuzone also known shown analgesic, antipyretic, and platelet-inhibitory activities. Kebuzone acts by blocking the synthesis of prostaglandins by inhibiting cyclooxygenase, which converts arachidonic acid to cyclic endoperoxides, precursors of prostaglandins. Inhibition of prostaglandin synthesis accounts for their analgesic, antipyretic, and platelet-inhibitory actions; other mechanisms may contribute to their anti-inflammatory effects.

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 |
|---------|-----------------|--------------|
| TBD | TBD | TBD |

4. Stock solution preparation table:

| Concentration / Solvent Volume / Mass | 1 mg | 5 mg | 10 mg |
|---------------------------------------|---------|----------|----------|
| 1 mM | 3.10 mL | 15.51 mL | 31.02 mL |
| 5 mM | 0.62 mL | 3.10 mL | 6.20 mL |
| 10 mM | 0.31 mL | 1.55 mL | 3.10 mL |
| 50 mM | 0.06 mL | 0.31 mL | 0.62 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:

Kebuzone is a non-steroidal anti-inflammatory substance that may be studied in inflammatory diseases such as thrombophlebitis and rheumatoid arthritis.

In vitro activity

TBD

In vivo activity

TBD

Product data sheet



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.