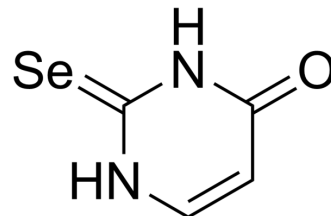


2-Selenouracil

| | | | |
|---------------------------|---|-------|----------|
| Cat. No.: | HY-111959 | | |
| CAS No.: | 16724-03-1 | | |
| Molecular Formula: | C ₄ H ₄ N ₂ OSe | | |
| Molecular Weight: | 175.05 | | |
| Target: | Reactive Oxygen Species | | |
| Pathway: | Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB | | |
| Storage: | Powder | -20°C | 3 years |
| | | 4°C | 2 years |
| | In solvent | -80°C | 6 months |
| | | -20°C | 1 month |



SOLVENT & SOLUBILITY

In Vitro

Ethanol : 2.5 mg/mL (14.28 mM; Need ultrasonic)
 DMSO : < 1 mg/mL (ultrasonic;warming;heat to 60°C) (insoluble or slightly soluble)

| Concentration | Solvent | Mass | | |
|---------------------------|---------|-----------|------------|------------|
| | | 1 mg | 5 mg | 10 mg |
| Preparing Stock Solutions | 1 mM | 5.7127 mL | 28.5633 mL | 57.1265 mL |
| | 5 mM | 1.1425 mL | 5.7127 mL | 11.4253 mL |
| | 10 mM | 0.5713 mL | 2.8563 mL | 5.7127 mL |

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

2-Selenouracil is a useful specialized photosensitizer for photodynamical therapy^[1].

CUSTOMER VALIDATION

- Phys Chem Chem Phys. 01 Dec 2021.

See more customer validations on www.MedChemExpress.com

REFERENCES

Caution: Product has not been fully validated for medical applications. For research use only.

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