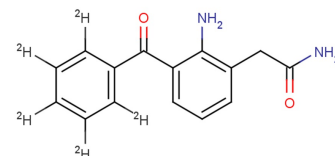


Nepafenac D5

Chemical Properties

| | |
|-------------------|---|
| CAS No.: | 1246814-53-8 |
| Formula: | C ₁₅ H ₉ D ₅ N ₂ O ₂ |
| Molecular Weight: | 259.31 |
| Appearance: | N/A |
| Storage: | 0-4°C for short term (days to weeks), or -20°C for long term (months). |



Biological Description

| | |
|----------------------------|--|
| Description | Nepafenac D5 is the deuterium labeled Nepafenac, which is a selective inhibitor of COX-2 . |
| Targets(IC ₅₀) | Others: None |

Solubility Information

| | |
|------------|---|
| Solubility | DMSO: 100 mg/mL (385.64 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|----------|-----------|-----------|
| 1 mM | 3.856 mL | 19.282 mL | 38.564 mL |
| 5 mM | 0.771 mL | 3.856 mL | 7.713 mL |
| 10 mM | 0.386 mL | 1.928 mL | 3.856 mL |
| 50 mM | 0.077 mL | 0.386 mL | 0.771 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Inhibitors · Natural Compounds · Compound Libraries

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use.

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