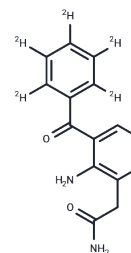


Nepafenac-d5

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 1246814-53-8 |
| Formula: | C ₁₅ H ₁₄ N ₂ O ₂ |
| Molecular Weight: | 259.31 |
| Appearance: | no data available |
| Storage: | Powder: -20°C for 3 years In solvent: -80°C for 1 year |



Biological Description

| | |
|-------------|--|
| Description | Nepafenac D5 is the deuterium labeled Nepafenac, which is a selective inhibitor of COX-2 . |
|-------------|--|

Solubility Information

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

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.8564 mL | 19.2819 mL | 38.5639 mL |
| 5 mM | 0.7713 mL | 3.8564 mL | 7.7128 mL |
| 10 mM | 0.3856 mL | 1.9282 mL | 3.8564 mL |
| 50 mM | 0.0771 mL | 0.3856 mL | 0.7713 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

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