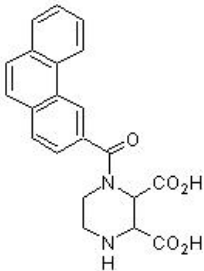


Product datasheet

UBP141, GluN2D antagonist ab120193

[9 References](#) [1 Image](#)

Overview

| | |
|-------------------------------|--|
| Product name | UBP141, GluN2D antagonist |
| Description | GluN2D (formerly NR2D) antagonist, with some subunit selectivity |
| Biological description | GluN2D (formerly NR2D) antagonist, displaying modest GluN2 (NR2) subunit selectivity. Shows 7-fold selectivity for GluN2D (NR2D)-containing NMDA receptors vs. GluN2B (NR2B) and 5-fold selectivity over GluN2A (NR2A) but does not discriminate between GluN2C (NR2C) and GluN2D (NR2D). K_i values are 22 (NR1/2A), 17.2 (NR1/2B), 5.24 (NR1/2C) and 2.36 μ M (NR1/2D). |
| CAS Number | 344768-30-5 |
| Chemical structure |  |

Properties

| | |
|-----------------------------|---|
| Chemical name | (2 <i>R</i> *,3 <i>S</i> *)-1-(Phenanthrenyl-3-carbonyl)piperazine-2,3-dicarboxylic acid |
| Molecular weight | 378.38 |
| Molecular formula | C ₂₁ H ₁₈ N ₂ O ₅ |
| PubChem identifier | 85055269 |
| Storage instructions | Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months. |
| Solubility overview | Soluble in 2 eq. NaOH to 50 mM (with warming) |
| Handling | Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour. Need more advice on solubility, usage and handling? Please visit our frequently asked |

[questions \(FAQ\) page](#) for more details.

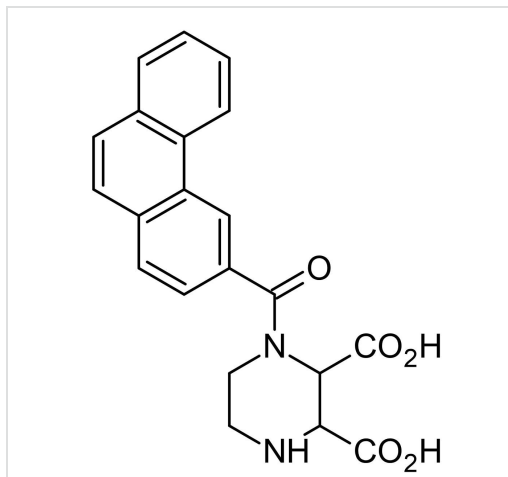
SMILES

O=C(c1cc2c3ccccc3ccc2cc1)N4CCNC(C(=O)O)C4C(=O)O

Source

Synthetic

Images



2D chemical structure image of ab120193, UBP141, GluN2D antagonist

Chemical Structure - UBP141, GluN2D antagonist
(ab120193)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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