

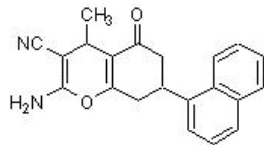
# UCPH-102, EAAT1 inhibitor ab146404

3 References [画像数 2](#)

医薬用外劇物

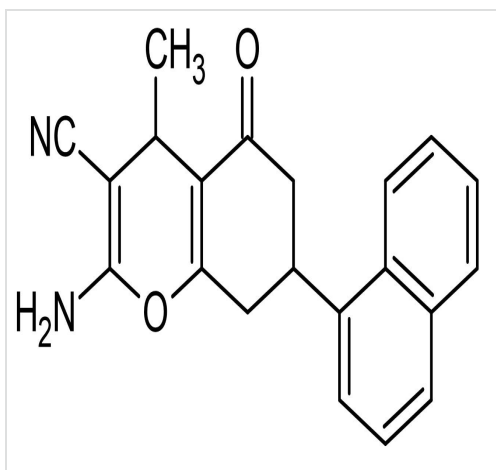
## 製品の概要

製品名	UCPH-102, EAAT1 inhibitor
製品の詳細	Selective EAAT1 inhibitor
生理活性の詳細	Selective excitatory amino acid transporter subtype 1 (EAAT1) inhibitor (IC <sub>50</sub> = 0.42 μM). Active <i>in vivo</i> . Blood-brain barrier permeable analog of UCPH-101 ( <a href="#">ab120309</a> ).
精製度	> 98%
CAS 番号	1229591-56-3
構造式	



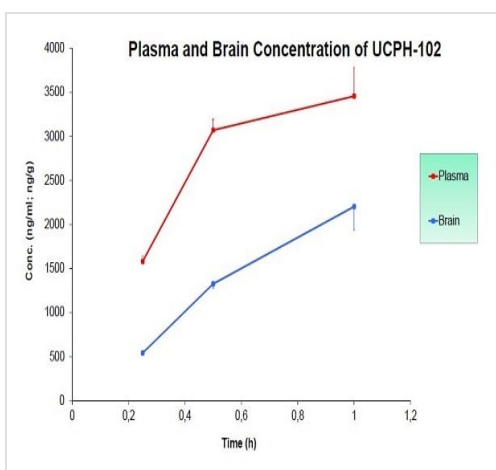
## 製品の特性

体系名	2-Amino-5,6,7,8-tetrahydro-4-methyl-7-(1-naphthalenyl)-5-oxo-4H-1-benzopyran-3-carbonitrile
分子量	330.39
分子式	C <sub>21</sub> H <sub>18</sub> N <sub>2</sub> O <sub>2</sub>
保存方法	Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.
溶解性	Soluble in DMSO to 25 mM. It is recommended that all preparations are centrifuged before use.
使用に関する注意	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 <a href="#">frequently asked questions (FAQ) page</a> for more details.
SMILES 線形表記	O=C1CC(CC=2OC(N)=C(C#N)C(C)C1=2)c4cccc3ccccc34
由来	Synthetic



2D chemical structure image of ab146404, UCPH-102, EAAT1 inhibitor

Chemical Structure - UCPH-102, EAAT1 inhibitor (ab146404)



Plot to compare the bioavailability of UCPH-102 in plasma versus brain.

Functional Studies - UCPH-102, EAAT1 inhibitor (ab146404)

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

### Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.co.jp/abpromise> or contact our technical team.

## Terms and conditions

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors
- Abcam biochemicals are novel compounds and we have not tested their biological activity in house. Please use the literature to identify how to use these products effectively. If you require further assistance please contact the scientific support team