



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

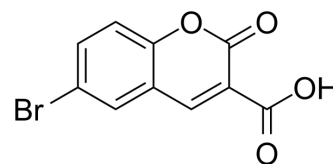
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## UBP608

|                    |                                                      |       |          |
|--------------------|------------------------------------------------------|-------|----------|
| Cat. No.:          | HY-100667                                            |       |          |
| CAS No.:           | 2199-87-3                                            |       |          |
| Molecular Formula: | C <sub>10</sub> H <sub>5</sub> BrO <sub>4</sub>      |       |          |
| Molecular Weight:  | 269.05                                               |       |          |
| Target:            | iGluR                                                |       |          |
| Pathway:           | Membrane Transporter/Ion Channel; Neuronal Signaling |       |          |
| Storage:           | Powder                                               | -20°C | 3 years  |
|                    |                                                      | 4°C   | 2 years  |
|                    | In solvent                                           | -80°C | 6 months |
|                    |                                                      | -20°C | 1 month  |



### SOLVENT & SOLUBILITY

|                                                                               |                                                                                                                |                                      |      |           |            |            |
|-------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|--------------------------------------|------|-----------|------------|------------|
| In Vitro                                                                      | DMSO : 250 mg/mL (929.20 mM; Need ultrasonic)                                                                  |                                      |      |           |            |            |
|                                                                               | Preparing Stock Solutions                                                                                      | <div>Solvent<br/>Concentration</div> | Mass | 1 mg      | 5 mg       | 10 mg      |
|                                                                               |                                                                                                                | 1 mM                                 |      | 3.7168 mL | 18.5839 mL | 37.1678 mL |
|                                                                               |                                                                                                                | 5 mM                                 |      | 0.7434 mL | 3.7168 mL  | 7.4336 mL  |
|                                                                               |                                                                                                                | 10 mM                                |      | 0.3717 mL | 1.8584 mL  | 3.7168 mL  |
| Please refer to the solubility information to select the appropriate solvent. |                                                                                                                |                                      |      |           |            |            |
| In Vivo                                                                       | 1. Add each solvent one by one: 10% DMSO >> 90% corn oil<br>Solubility: ≥ 2.08 mg/mL (7.73 mM); Clear solution |                                      |      |           |            |            |

### BIOLOGICAL ACTIVITY

|                           |                                                                                                                                                                                                                                                                                              |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description               | UBP608 is a potent N-Methyl-D-aspartate receptors (NMDARs) negative allosteric modulator. UB608 has the potential for the research of neurological disorders <sup>[1]</sup> .                                                                                                                |
| IC <sub>50</sub> & Target | NMDA Receptor                                                                                                                                                                                                                                                                                |
| In Vitro                  | UB608 (100 μM) shows inhibitory activity with the inhibition rate of 89.3%, 63.5%, 56.1%, 23.6% for GluN1/GluN2A, GluN1/GluN2B, GluN1/GluN2C, GluN1/GluN2D, respectively <sup>[1]</sup> .<br>MCE has not independently confirmed the accuracy of these methods. They are for reference only. |

### REFERENCES

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA