

| Catalog | Unit |
|---------------|--------|
| TBI3277-100MG | 100 mg |
| TBI3277-500MG | 500 mg |

Product Details

Formal Name: 4-n-Nonylbenzeneboronic acid

Alternate Names: NBBA

Molecular Formula: C₁₅H₂₅BO₂

Formula Weight: 248.17

CAS Number: 256383-45-6

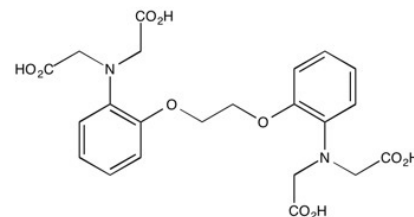
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 30 mg/ml)

Storage: -20°C

Stability: ≥ 1 year.



Applications

FAAH inhibitor

Functions

A potent and selective inhibitor of fatty acid amide hydrolase (FAAH, the enzyme which hydrolyzes and deactivates anandamide), IC₅₀=9.1 nM. Also inhibits monoacylglycerol lipase (MAGL, the enzyme which hydrolyzes 2-arachidonoyl-glycerol), IC₅₀=7.9 μM.

Application Procedures

First dissolved in DMSO (up to 30 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 2 months.

For research use only.