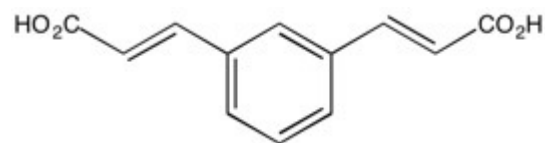


CVPA, Aquaporin 1 blocker

Catalog	Unit
TBI1430-10MG	10 mg
TBI1430-50MG	50 mg

Product Details

Formal Name: 3-[3-(2-Carboxy-vinyl)-phenyl]-acrylic acid
Alternate Names: 3,3'-(1,3-Phenylene)bis(2-propenoic acid)
Molecular Formula: C₁₂H₁₀O₄
Formula Weight: 218.21
CAS Number: 37710-81-9
Purity: >98%
Formulation: Powder
Solubility: Soluble in DMSO (up to 25 mg/ml).
Storage: Room temperature
Stability: ≥ 2 years.



Applications

Aquaporin 1 blocker

Functions

Aquaporin-1 inhibitor (IC₅₀ = 8.1 μM) discovered by molecular docking against the extracellular domain of human aquaporin-1 followed by experimental testing in a *Xenopus* oocyte swelling assay.

Application Procedures

First dissolved in DMSO (up to 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 3 months.

For research use only.