



Catalog # 10-1430

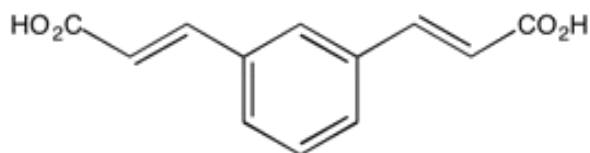
CVPA

37710-81-9

3-[3-(2-Carboxy-vinyl)-phenyl]-acrylic acid

3,3'-(1,3-Phenylene)bis(2-propenoic acid)

Lot # X105929



Aquaporin-1 inhibitor ($IC_{50} = 8.1 \mu M$) discovered by molecular docking against the extracellular domain of human aquaporin-1 followed by experimental testing in a *Xenopus* oocyte swelling assay¹.

1) Seeliger *et al.* (2012), *Discovery of novel human aquaporin-1 blockers*; ACS Chem. Biol., **8** 249

PHYSICAL DATA

Molecular Weight:	218.21
Molecular Formula:	C ₁₂ H ₁₀ O ₄
Purity:	97% by TLC
	NMR: (Conforms)
Solubility:	DMSO (up to 25 mg/ml)
Physical Description:	White solid
Storage and Stability:	Store as supplied desiccated at room temperature for up to 1 year from the date of purchase. Solutions in DMSO may be stored at -20°C for up to 3 months.

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