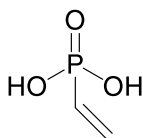Catalog #   15-9155   Vinylphosphonic acid, min. 90%

Technical Notes:
1. Used in the polymerization process of vinylphosphonic to generate polyvinylphosphonic acid [1-4].
2. Vinylphosphonic acid-based polymers are essential components in the proton exchange membrane (PEM) fuel cells [5-7].
3. Electrolyte additive for lithium-ion batteries [8].
4. Used for colorimetric detection for uranyl ions in water [9].

References:
1. *Curr. Org. Syn.* **2004**, *1*, 355.
2. *Prog. Polym. Sci.* **2010**, *35*, 1078.
3. *Macromol. Rapid Commun.* **2012**, *33*, 1327.
4. *RSC Polymer Chemistry Series,* **2014**, *11*, 51.
5. *ACS Appl. Mater. Interfaces,* **2022**, *14,* 8353.
6. *Nanoscale Adv.,* **2022**, *4,* 4714.
7. *Sustainable Energy Fuels,* **2020**, *4,* 2859.
8. *ACS Appl. Energy Mater.* **2022**, *5,* 4673.
9. *Spectrochim. Acta A,* **2022**, *269,* 120748.

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