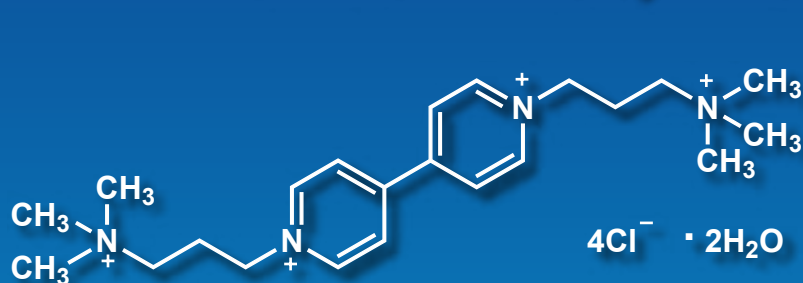
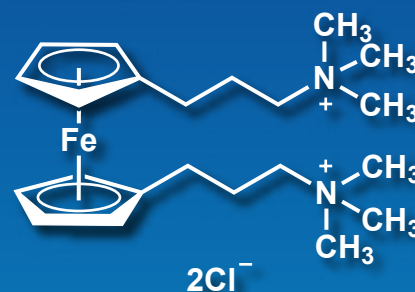


Neutral pH Aqueous Redox Flow Battery Materials

BTMAP-Vi, BTMAP-Fc



BTMAP-Vi Dihydrate
5g
[B5659]



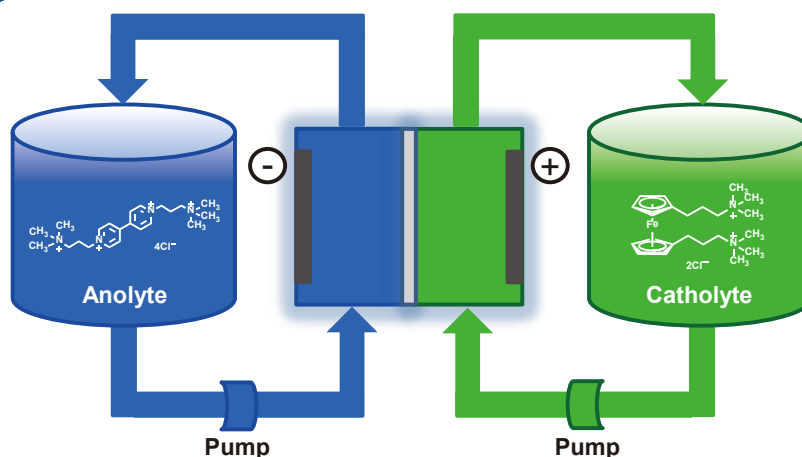
BTMAP-Fc
5g
[B5660]

Advantages

- High solubility (2.0 M in H₂O)
- Operable at neutral pH
- Reduction potential -0.358 V for BTMAP-Vi and oxidation potential +0.390 V for BTMAP-Fc (vs SHE)
- High capacity retention (99.9989%/cycle at 0.75-1.00 M)

Application

Redox flow battery with BTMAP based electrolytes



Reference E. S. Beh, D. De Porcellinis, R. L. Gracia, K. T. Xia, R. G. Gordon, M. J. Aziz, *ACS Energy Lett.* **2017**, 2, 639.
<https://doi.org/10.1021/acsenenergylett.7b00019>

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