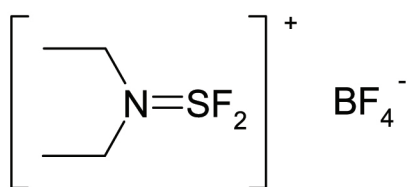
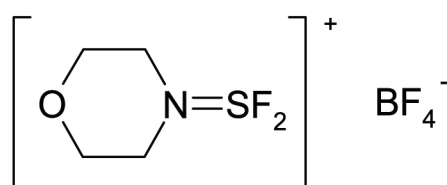


XtalFluor® Reagents

New Fluorinating Reagents for Alcohols and Carbonyls



XtalFluor-E®



XtalFluor-M®

Manchester Organics in partnership with OmegaChem have developed and commercialised a **new safer and crystalline fluorinating reagent**.

In the past, organic chemists needed DAST, Deoxo-Fluor® and more recently Fluolead to perform fluorination, but **XtalFluor reagents** come today with a long list of advantages over all of them

All Around Advantages over DAST & Deoxo-Fluor®

- ✓ Easily handled crystalline solids
- ✓ Enhanced thermal stability
- ✓ No generation of free HF – compatible with glass
- ✓ Consistently less elimination side products
- ✓ Less stringent shipping restrictions
- ✓ Lower cost

[Research quantities available through Sigma-Aldrich Co.](#)



XtalFluor-E® : Aldrich catalog # 719439
XtalFluor-M® : Aldrich catalog # 719447

[Multi-kilo quantities available through Manchester Organics](#)



XtalFluor-E® : Manchester catalog # J11026
XtalFluor-M® : Manchester catalog # K11027

The following paper published in the **Journal of Organic Chemistry** provides an in depth look on **XtalFluor-E®** and **XtalFluor-M®** and their all-around advantages over widely used deoxofluorination reagents.

Aminodifluorosulfinum Salts: Selective Fluorination Reagents with Enhanced Thermal Stability and Ease of Handling

L'Heureux, A.; Beaulieu, F.; Bennett, C.; Bill, D. R.; Clayton, S.; LaFlamme, F.; Mirmehrabi, M.; Tadayon, S.; Tovell, D.; Couturier, M J.
Org. Chem. **2010**, 75, 3401-3411

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