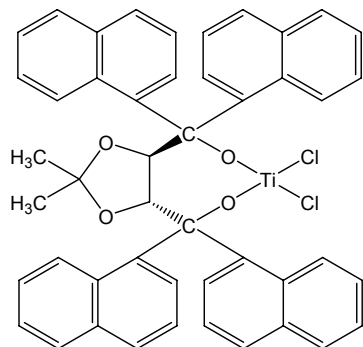
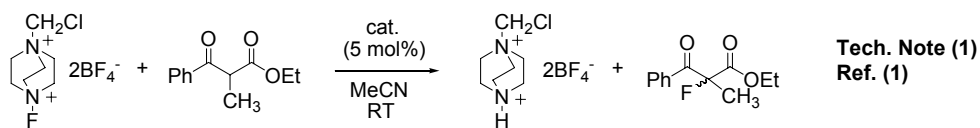


Catalog # 22-0761 (4R,5R)-(-)-2,2-Dimethyl- $\alpha,\alpha,\alpha',\alpha'$ -tetra(1-naphthyl)-1,3-dioxolane-4,5-dimethanolatitanium(IV) dichloride acetonitrile adduct



Technical Notes:

1. Catalyst used in the enantioselective fluorination of  $\beta$ -ketoesters.
2. Versatile catalyst used in the enantioselective 1,2 and 1,4 additions to carbonyl compounds, transfer of allyl groups to aldehydes, cycloadditions and others. See reference (2).



References:

1. *Angew. Chem. Int. Ed.*, **2000**, 39, 4359.
2. *Angew. Chem. Int. Ed.*, **2001**, 40, 92-138. (review article)