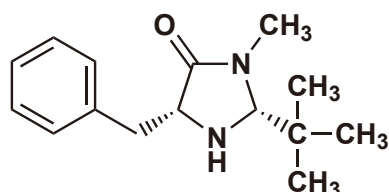


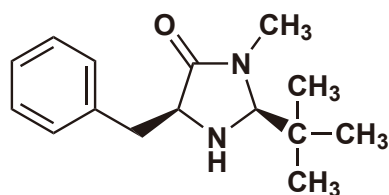
# MacMillan Imidazolidinone Organocatalysts



**(2R,5R)-(+)-2-tert-Butyl-3-methyl-5-benzyl-4-imidazolidinone**

200mg / 1g

**[B4137]**



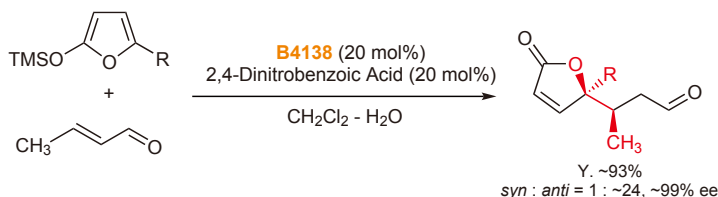
**(2S,5S)-(-)-2-tert-Butyl-3-methyl-5-benzyl-4-imidazolidinone**

200mg / 1g

**[B4138]**

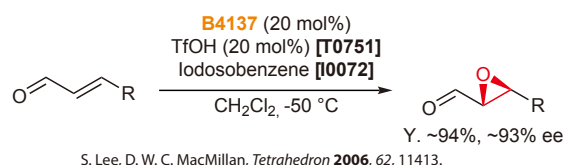
## Applications

### Enantioselective Mukaiyama–Michael Reaction



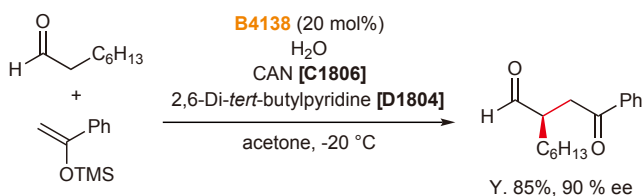
S. P. Brown, N. C. Goodwin, D. W. C. MacMillan, *J. Am. Chem. Soc.* **2003**, 125, 1192.

### Asymmetric Epoxidation of $\alpha,\beta$ -Unsaturated Aldehydes



S. Lee, D. W. C. MacMillan, *Tetrahedron* **2006**, 62, 11413.

### Asymmetric 1,3-Addition of Aldehydes



H.-Y. Jang, J.-B. Hong, D. W. C. MacMillan, *J. Am. Chem. Soc.* **2007**, 129, 7004.

## Related Products

**Trifluoromethanesulfonic Acid (= TfOH)**

10g / 25g / 250g **[T0751]**

**Iodosobenzene**

5g **[I0072]**

**Cerium(IV) Diammonium Nitrate (= CAN)**

50g / 500g **[C1806]**

**2,6-Di-tert-butylpyridine**

5g / 25g **[D1804]**

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organocatalysts



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