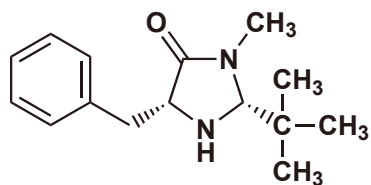


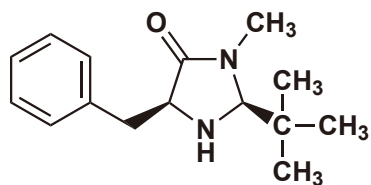
MacMillan Imidazolidinone Organocatalysts



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

200mg / 1g

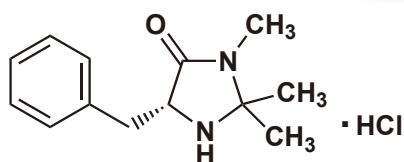
[B4137]



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

200mg / 1g

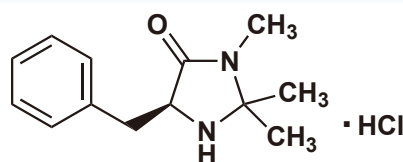
[B4138]



(*R*)-(+)-5-Benzyl-2,2,3-trimethyl-4-imidazolidinone Hydrochloride

250mg / 1g

[T2990]



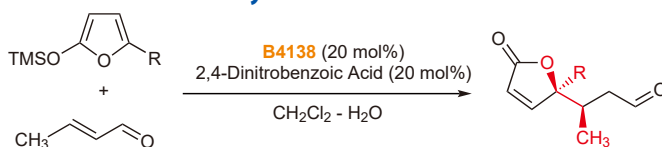
(*S*)-(-)-5-Benzyl-2,2,3-trimethyl-4-imidazolidinone Hydrochloride

250mg / 1g

[T2991]

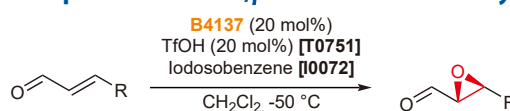
Applications

Enantioselective Mukaiyama–Michael Reaction



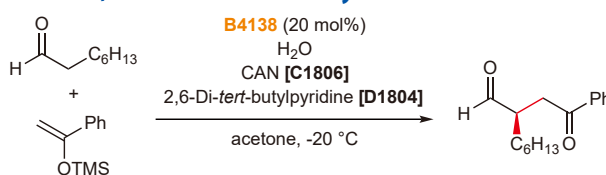
Reference S. P. Brown, N. C. Goodwin, D. W. C. MacMillan, *J. Am. Chem. Soc.* **2003**, 125, 1192.
<https://doi.org/10.1021/ja029095q>

Asymmetric Epoxidation of α,β -Unsaturated Aldehydes



Reference S. Lee, D. W. C. MacMillan, *Tetrahedron* **2006**, 62, 11413.
<https://doi.org/10.1016/j.tet.2006.07.055>

Asymmetric 1,3-Addition of Aldehydes



Reference H.-Y. Jang, J.-B. Hong, D. W. C. MacMillan, *J. Am. Chem. Soc.* **2007**, 129, 7004.
<https://doi.org/10.1021/ja0719428>

Related Products

Trifluoromethanesulfonic Acid (= TfOH)

Iodosobenzene

Cerium(IV) Diammonium Nitrate (= CAN)

2,6-Di-*tert*-butylpyridine

10g / 25g / 250g [T0751]

5g / 25g [I0072]

50g / 500g [C1806]

5g / 25g [D1804]

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