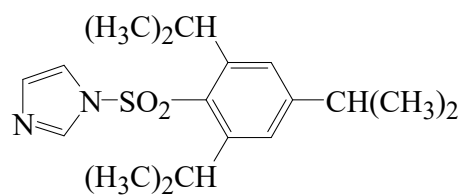




>>Entry Name: 1-(2,4,6-Triisopropylbenzenesulfonyl)imidazole, 8Cl

Synonym(s): 1-[2,4,6-Tris(1-methylethyl)phenyl]sulfonyl-1*H*-imidazole, 9Cl



CAS Registry Number: 50257-40-4

Molecular Formula: C₁₈H₂₆N₂O₂S

Molecular Weight: 334.482

Accurate Mass: 334.171498

Percentage Composition: C 64.64%; H 7.83%; N 8.38%; O 9.57%; S 9.59%

Use/Importance: Coupling agent in oligonucleotide synth.

Melting Point: Mp 120-122°

>>Derivative: Methofluorosulfonate

Physical Description: Cryst.

Melting Point: Mp 116-120°

References:

Berlin, Y.A. *et al.*, *Tet. Lett.*, 1973, 1353, (*synth*)

Vilkas, E., *Bull. Soc. Chim. Fr.*, 1978, 37, (*synth*)