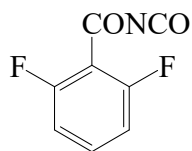




>>Entry Name: 2,6-Difluorobenzoyl isocyanate, 9CI



CAS Registry Number: 60731-73-9

Molecular Formula: C₈H₃F₂NO₂

Molecular Weight: 183.114

Accurate Mass: 183.013185

Percentage Composition: C 52.47%; H 1.65%; F 20.75%; N 7.65%; O 17.47%

Use/Importance: Intermed. in manuf. of urea-based insecticides and pesticides

Boiling Point: Bp₁₁ 89°. Bp_{0.4} 62-63°

References:

Ger. Pat., 1978, 2 732 115; *CA*, **88**, 170201a, (*use*)

Wie, S.I. *et al.*, *J. Agric. Food Chem.*, 1982, **30**, 943-948, (*synth, use, props, ir, pmr*)

Wimmer, M.J. *et al.*, *J. Agric. Food Chem.*, 1991, **39**, 280-286, (*anal, glc, ms*)

Balicki, R. *et al.*, *Pol. J. Chem. (Rocz. Chem.)*, 1991, **65**, 1049-1053, (*synth*)

Odinokov, V.N. *et al.*, *Izv. Akad. Nauk, Ser. Khim.*, 1992, 468-470; *Russ. Chem. Bull. (Engl. Transl.)*, 1992, 374-375, (*synth, ir, pmr, use*)