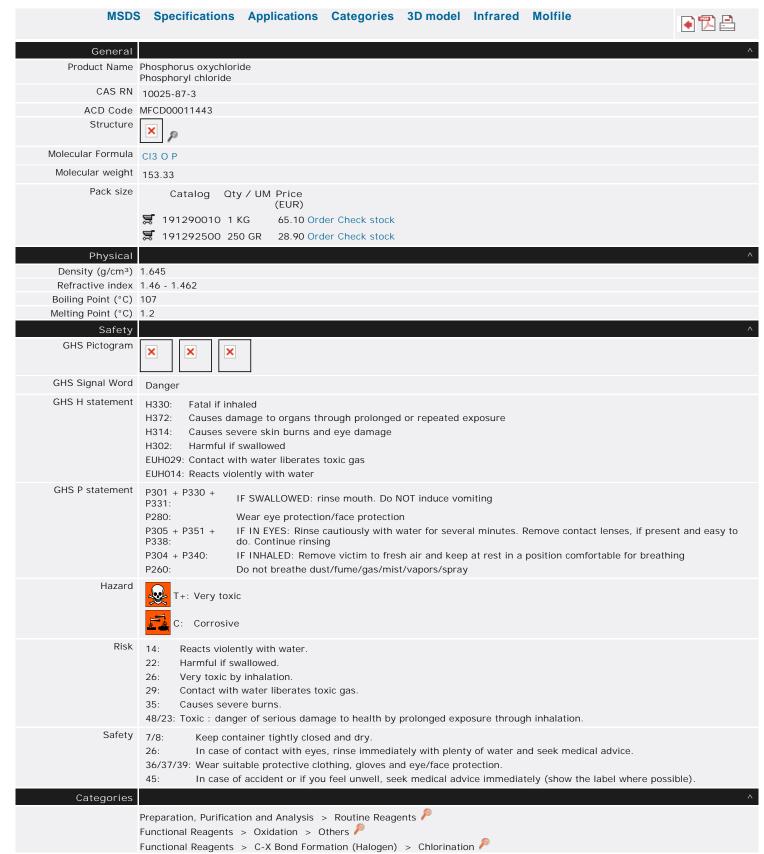
Filospilorus oxycinoriue, 33 /



Applications					^
пррпоатопз	Function Reagent	Transformation Aromatic electrophilic substitution	Type Formylation	Caveat Vilsmeier reagents, typically POCI3/ DMF.	Reference T 1992, 48, 3659; FF 1967, 1, 876; COS 1991, 2, 777
	Reagent	omatic electrophilic substitution Ring formation via Bischler-Napieralski synthesis		Substituted amides to dihydroisoguinolines.	TL 1985, 26, 5975
	Reagent	Dehydration	Alcohol to alkene	POCI3/ pyridine.	JACS 1986, 108, 3443
	Reagent	Dehydration	N-Formamide to isocyanide	Typically an amine base or Potassium t- Butoxide is also required.	Sandler, S.
	Reagent	Dehydration	Primary amide to nitrile		Bieron; Dinan; in Zabicky The chemistry of Amides; Wiley: New York, 1970; pp 274-283
	Reagent	Halogenation	Alcohol to alkyl halide	POCI3/ DMF, POCI3 alone will phosphorylate.	
	Reagent	Halogenation	Heterocyclic ketones	e.g. a pyrimidone to	JHC 1985, 22, 601
	Reagent	Halogenation	PhenoIs to haloarenes		
	· ·		amines, thiols and primary alcohols	2° and 3° alcohols convert to chloro.	COS 1991, 6, 601
	Reagent	Rearrangements	Beckmann	Ketoximes to amides.	S 1982, 68
Other					^
Infrared	Show				
Parameter		synthetic Es: Electrical conductivities of poly(alkyl vinyl ketones)reacted with dopant solutions. Ma, Jun Hui; Tauber, J. David; Ramelow, Ulku S.Turk. J. Chem., 21(4), 313-326, 1997. Dopant diffusion in silicon and polysilicon using phosphorusoxychloride (POCI3). Roy, Sudipto R.; Haji-Sheikh, A.HTD (Am. Soc. Mech. Eng.), 323(ASME Proceedings of the31st National Heat Transfer Conference, 1996, Vol. 1), 247-253, 1996. Preparation of monoalkyl phosphate of secondary alcohol. Hiyama, Keiichiro et al.; Kagaku to Kogyo (Osaka), 72(3), 89-94, 1998. O1,876; O2,330; O3,228; O4,390; O5,535; O7,292; O9,374; 11,429; 13,249; 15,267; 17,288			

3D model Show