

diisopropyl-fluorophosphatase

Cat. No. EXWM-3771

Lot. No. (See product label)

Introduction

Description Acts on phosphorus anhydride bonds (such as phosphorus-halide and phosphorus-cyanide) in organophosphorus compounds (including nerve gases). Inhibited by chelating agents; requires divalent cations. Related to EC 3.1.8.1 aryldialkylphosphatase.

Synonyms DFPase; tabunase; somanase; organophosphorus acid anhydrolase; organophosphate acid anhydrase; OPA anhydrase; diisopropylphosphofluoridase; dialkylfluorophosphatase; diisopropyl phosphorofluoridate hydrolase; isopropylphosphorofluoridase; diisopropylfluorophosphonate dehalogenase

Product Information

Form Liquid or lyophilized powder

EC Number EC 3.1.8.2

CAS No. 9032-18-2

Reaction diisopropyl fluorophosphate + H₂O = diisopropyl phosphate + fluoride

Notes This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.