

4-Chloro-7-nitrobenzofurazan

Cat. No. CSUB-0451

Lot. No. (See product label)

Introduction

Applications

4-Chloro-7-nitrobenzofurazan (NBD-chloride) is a fluorescence assay reagent used to label free sulfhydryls and N-terminals within proteins. NBD-chloride is used as an enzyme inhibitor and as a trapping agent for cysteine sulfenic acid.

Synonyms

4-Chloro-7-nitro-1, 2, 3-benzoxadiazole; NBD-chloride

Product Information

EC Number 233-496-4

CAS No. 10199-89-0

Molecular Formula C₆H₂ClN₃O₃

Molecular Weight 199.55

Impurities λ_{ex} 336 nm in methanol

mp 97-100 °C

Substrates Peroxidase Substrates