

## 4-Chloro-7-nitrobenzofurazan

Cat. No. CSUB-0305

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** C<sub>6</sub>H<sub>2</sub>ClN<sub>3</sub>O<sub>3</sub>

**Molecular Weight** 199.55

**Impurities** λ<sub>ex</sub> 336 nm in methanol

**mp** 97-100 °C

**Substrates** Glutathione S-Transferase