

# *Chem-Impex International, Inc.*

---

**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

---

## *Product Specifications*

|                          |                                                                                                                                                              |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalogue Number</b>  | 47451                                                                                                                                                        |
| <b>Product</b>           | <b>(R)-(+)-4-Nitro-7-(2-chloroformylpyrrolidin-1-</b><br><i>(R)-(+)-4-Nitro-7-(2-chloroformylpyrrolidin-1-yl)benzofurazan</i><br><i>(R)-(+)-NBD-Pro-COCl</i> |
| <b>CAS Number</b>        | 159717-69-8                                                                                                                                                  |
| <b>Molecular Formula</b> | C <sub>11</sub> H <sub>9</sub> ClN <sub>4</sub> O <sub>4</sub>                                                                                               |
| <b>Molecular Weight</b>  | 296.67                                                                                                                                                       |

---

|                               |                                                                               |
|-------------------------------|-------------------------------------------------------------------------------|
| <b>Warnings</b>               | <i>Hygroscopic! Heat sensitive!</i>                                           |
| <b>Appearance</b>             | Pale yellow to brown powder                                                   |
| <b>Optical Rotation</b>       | [α] <sub>20</sub> /D = 4 - 6 ° (C=1 in pH 10.0 Buffer sol.)                   |
| <b>Storage</b>                | Store at 2 - 8 °C, under inert gas                                            |
| <b>Additional Information</b> | Effect test of HPLC derivatization : Effective as labeling agent fo 2-Hexanol |

**For Laboratory Use Only**