

Product datasheet

p-Nitrobenzyl mesylate, Alkylation reagent ab138910

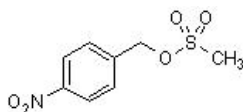
35 References

Overview

|                               |  |
|-------------------------------|--|
| <b>Product name</b>           | p-Nitrobenzyl mesylate, Alkylation reagent   |
| <b>Description</b>            | Alkylation reagent   |
| <b>Biological description</b> | <p>An alkylation reagent to be used with <a href="#">ab92570</a> rabbit monoclonal anti-thiophosphate ester antibody and <a href="#">ab138911</a> ATP-gamma-S for the identification of direct kinase substrates.</p> <p>Prepare a 50 mM PNBM (12 mg/ml) stock by dissolving PNBM in DMSO and vortexing.</p> <p>One time use DMSO aliquots may be stored at -20°C.</p> |

**CAS Number** 39628-94-9

**Chemical structure**



Properties

|                             |  |
|-----------------------------|--|
| <b>Chemical name</b>        | 4-Nitrobenzyl mesylate   |
| <b>Molecular weight</b>     | 231.22   |
| <b>Molecular formula</b>    | C <sub>8</sub> H <sub>9</sub> NO <sub>5</sub> S  |
| <b>PubChem identifier</b>   | 18924794   |
| <b>Storage instructions</b> | Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.   |
| <b>Solubility overview</b>  | Soluble in DMSO to 100 mM  |
| <b>Handling</b>             | <p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Refer to SDS for further information.</p> <p>Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.</p> |

**SMILES** CS(=O)(=O)OCC1=CC=C(C=C1)[N+](=O)[O-]  
**Source** Synthetic

## Applications

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**The Abpromise guarantee** Our [Abpromise guarantee](#) covers the use of ab138910 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application        | Abreviews | Notes                                    |
|--------------------|-----------|--|
| Functional Studies |           | Use at an assay dependent concentration. |

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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