

p-Nitrobenzyl mesylate, Alkylation reagent ab138910

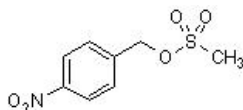
55 References

Overview

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

CAS Number 39628-94-9

Chemical structure



Properties

Chemical name	4-Nitrobenzyl mesylate
Molecular weight	231.22
Molecular formula	C ₈ H ₉ NO ₅ S
PubChem identifier	18924794
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO to 100 mM
Handling	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. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.
SMILES	<chem>CS(=O)(=O)OCC1=CC=C(C=C1)[N+](=O)[O-]</chem>

Source

Synthetic

Applications

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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