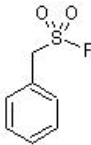


### PMSF, protease inhibitor ab141032

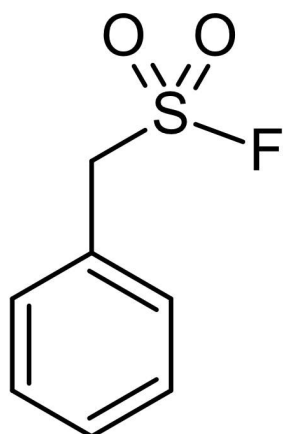
[5 References](#) [2 图像](#)

#### 概述

产品名称	PMSF, protease抑制剂
描述	Non-specific protease抑制剂
纯度	> 98%
常规说明	Unstable in water Storage instructions: Hygroscopic, Under inert atmosphere.
CAS编号	329-98-6
化学结构	

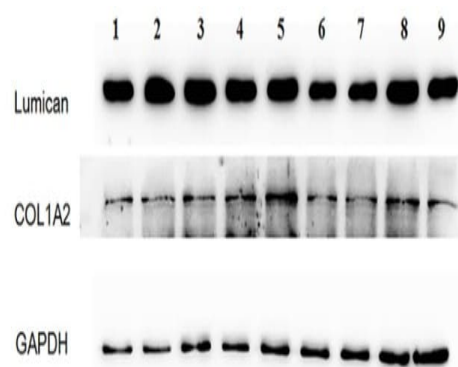
#### 性能

化学名称	Phenylmethylsulfonyl fluoride
分子量	174.19
PubChem识别号	4784
存放说明	Store at -20°C. Please see notes section.
溶解度概述	Insoluble in H <sub>2</sub> O; ≥17.4 mg/mL in DMSO; ≥28.3 mg/mL in EtOH
处理	<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>Toxic, 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	<chem>O=S(F)(=O)Cc1ccccc1</chem>
来源	Synthetic



2D chemical structure image of ab141032, PMSF, protease inhibitor

Chemical Structure - PMSF, protease inhibitor  
(ab141032)



Analysis of protein expression level in the sclera. The scleral tissue was homogenized and solubilized in ice-cold PBS containing PMSF protease inhibitor. Lumican and collagen type I were both overexpressed at the protein level in the transgenic sclera. GAPDH was used as a control. Lane 1 to lane 5, transgenic mice. Lane 6 to lane 9, wild-type mice.

Cellular activation - PMSF, protease inhibitor  
(ab141032)

Image from Song Y, et al. Plos One, 11(10), e0163165.  
Fig 5b., doi: 10.1371/journal.pone.0163165

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

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