

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

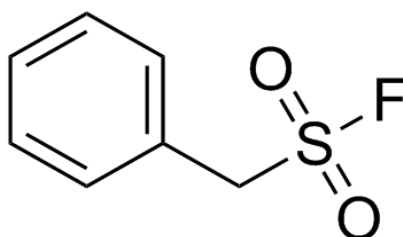
Product Name: PMSF Solution 100mM in ethanol
Product Number: P301906-1ml
Lot Number: F2517028
CAS No.: 329-98-6

Test	Specification	Result
Concentration:	100.0 mmol/L	100.0 mmol/L
Appearance:	Colorless Transparent Liquid	Colorless Transparent Liquid

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_7H_7FO_2S$
Molecular Weight: 174.19
Storage: -80°C, 12 months
Inspection Date: 2026-05-13
Period of Validity: 2027-05-12

Chemical Structure:



RAW MATERIAL ANALYTICAL DATA (Please see attachment for spectrum)

Purity(GC): 99.423%
Proton NMR spectrum: Conforms to Structure

Single Injection Report

Data file:

Sequence Name:

Sample name:

Instrument:

Inj. volume:

Acq. method:

Processing method:

Manually modified:

496314-P105539-02.dx

0414-01

1

3F-GC-9

1.000 µL

A-260-1ul.amx

*GC_LC
面积百分比_DefaultMethod.pmx

Manual Integration

Project Name:

Operator:

Location:

Type:

Sample amount:

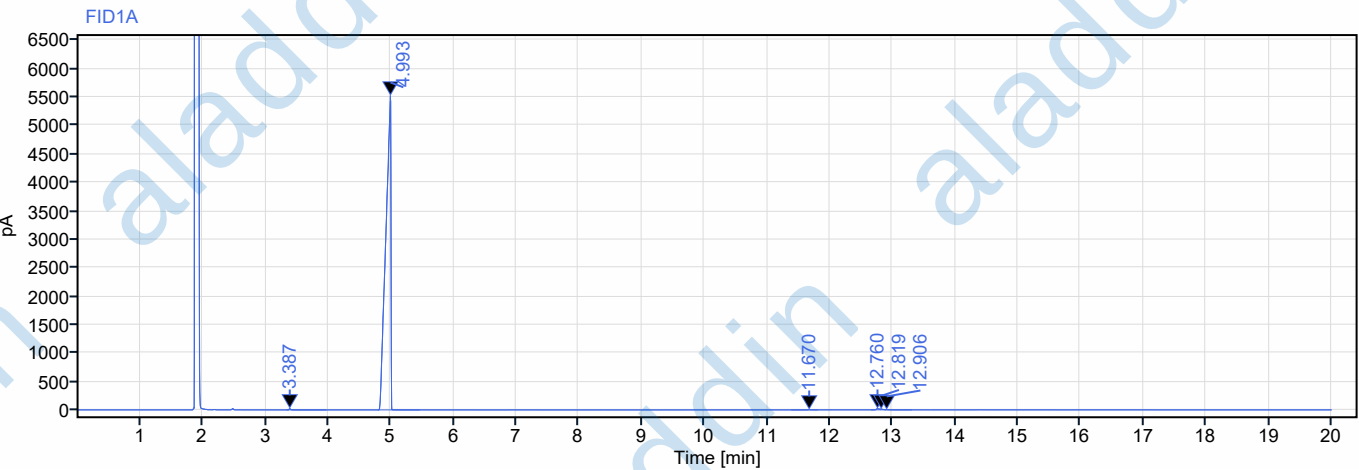
GC

SYSTEM

102

Sample

0.00



Signal: FID1A						
RT [min]	Type	Width [min]	Area	Height	Area%	Name
3.387	BB	0.63	38.82	23.02	0.125	
4.993	VV	0.67	30895.48	5524.77	99.423	
11.670	BV	0.43	12.77	3.67	0.041	
12.760	BV	0.15	75.36	21.82	0.243	
12.819	VV	0.07	34.95	13.39	0.112	
12.906	VB	0.42	17.30	3.85	0.056	
Sum			31074.68			

