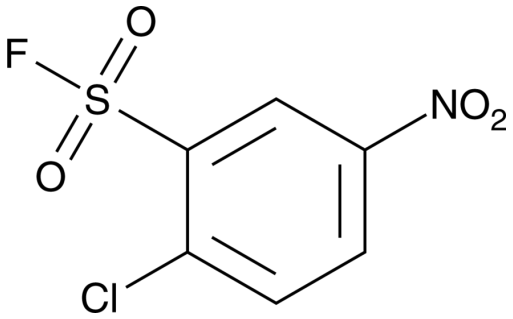
Product Data Sheet

Product Name: CNBSF
Cat. No.: GC91904

Chemical Properties

Cas. No.	3829-23-0		
Chemical Name	2-chloro-5-nitro-benzenesulfonyl fluoride		
SMILES	ClC(C(S(=O)(F)=O)=C1)=CC=C1[N+]([O-])=O		
Formula	$C_6H_3ClFNO_4S$	M.Wt	239.6
Solubility		Storage	-20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		

Structure



Background

CNBSF is an irreversible inhibitor of glutathione S-transferase π 1-1 (GSTP1-1) and GST α 1-1 (GSTA1; IC_{50}s = 21 and 1.4 ?M, respectively). [1]

References:
[1]. Shishido, Y., Tomoike, F., Kuwata, K., et al.A covalent inhibitor for glutathione S-transferase pi (GSTP1-1) in human cellsChembiochem20(7)900-905(2019).

Caution: Product has not been fully validated for medical applications. For research use only.
Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com
Address: 10292 Central Ave. #205, Montclair, CA, USA