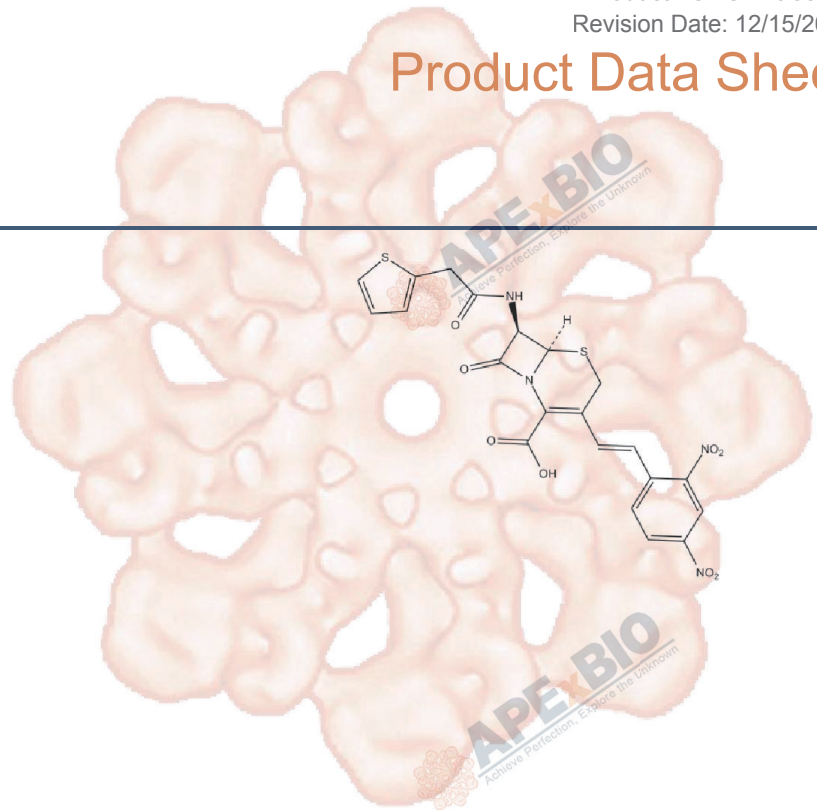


Product Data Sheet

Nitrocefin

Cat. No.:	B6052
CAS No.:	41906-86-9
Formula:	C ₂₁ H ₁₆ N ₄ O ₈ S ₂
M.Wt:	516.50
Synonyms:	
Target:	Others
Pathway:	
Storage:	Store at -20°C



Solvent & Solubility

insoluble in EtOH; insoluble in H₂O; ≥20.24 mg/mL in DMSO

In Vitro

Preparing Stock Solutions	Solvent	Mass Concentration	Mass		
			1mg	5mg	10mg
		1 mM	1.9361 mL	9.6805 mL	19.3611 mL
		5 mM	0.3872 mL	1.9361 mL	3.8722 mL
		10 mM	0.1936 mL	0.9681 mL	1.9361 mL

Please refer to the solubility information to select the appropriate solvent

Biological Activity

Shortsummary

Used for detection of β-lactamases

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

1. Liu X, Ma L, et al. "Synergistic antibacterial mechanism of Bi(2)Te(3) nanoparticles combined with the ineffective β -lactam antibiotic cefotaxime against methicillin-resistant Staphylococcus aureus." J Inorg Biochem. 2019 Jul;196:110687."PMID:31004991

See more customer validations on www.apexbt.com.

References

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APExBIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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