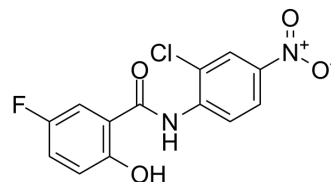


PA3552-IN-1

Cat. No.:	HY-144767		
CAS No.:	1008121-12-7		
Molecular Formula:	C ₁₃ H ₈ ClFN ₂ O ₄		
Molecular Weight:	310.67		
Target:	Bacterial		
Pathway:	Anti-infection		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 13.89 mg/mL (44.71 mM)

* "≥" means soluble, but saturation unknown.

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	3.2188 mL	16.0942 mL	32.1885 mL
5 mM	0.6438 mL	3.2188 mL	6.4377 mL
10 mM	0.3219 mL	1.6094 mL	3.2188 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

PA3552-IN-1 (compound 15) is an antibiotic adjuvant that restores sensitivity of MDR P. aeruginosa DK2 strain to Polymyxin B. PA3552-IN-1 can reduce PA3552 expression^[1].

REFERENCES

[1]. Lu T, et, al. Novel niclosamide-derived adjuvants elevating the efficacy of polymyxin B against MDR Pseudomonas aeruginosa DK2. Eur J Med Chem. 2022 Jun 5;236:114318.

Caution: Product has not been fully validated for medical applications. For research use only.

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