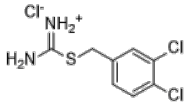
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Data Sheet

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Product Name	:	MreB inhibitor A22 hydrochloride
Cat. No.	:	PC-28666
CAS No.	:	22816-60-0
Molecular Formula	:	$C_8H_9Cl_3N_2S$
Molecular Weight	:	271.59
Target	:	Bacterial
Solubility	:	10 mM in DMSO



Biological Activity

MreB inhibitor A22 hydrochloride is a specific small molecule inhibitor of bacterial actin MreB, binds directly to the MreB filament, altering its structure and causing a morphological change of the cell, leading to cell death.

References

Emőke Bódis, et al. Front Mol Biosci. 2026 Oct 1:13:1912759.

Gitai Z, et al. Cell. 2005;120(3):329-341.

Iwai N, et al. Biosci Biotechnol Biochem. 2002;66(12):2658-2662.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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