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## Product Datasheet

### PR-619, CAS [[2645-32-1]] FBM-10-1485

Article Name	PR-619, CAS [[2645-32-1]]
Biozol Catalog Number	FBM-10-1485
Supplier Catalog Number	10-1485
Alternative Catalog Number	FBM-10-1485-10MG, FBM-10-1485-50MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	DUB inhibitor...
Molecular Weight	223.28
Purity	98% by TLC, NMR (Conforms)
Form	Yellow solid
CAS Number	[2645-32-1]
Formula	C7H5N5S2
Application Notes	PR-619 is a nonselective, reversible inhibitor of cysteine-reactive deubiquitinating enzymes (DUBs, 5-20 $\mu$ M) <sup>1</sup> . PR-619 is highly useful for preserving ubiquitinated proteins during cell lysis. DUBs become unregulated in cell lysates and will act quickly to deubiquitinate proteins of interest during cell lysis. To preserve maximum amounts of ubiquitinated protein, include PR-619 (50-100 $\mu$ M) in lysis buffers. PR-619 is also useful for interrogating the role of DUBs in intact cell systems <sup>2</sup> , and treatment of cells results in an overall accumulation of ubiquitinated proteins and many other phenotypes.