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## Product Datasheet

### (R)-GNE-140, CAS [[2003234-63-5]] FBM-10-4355

Article Name	(R)-GNE-140, CAS [[2003234-63-5]]
Biozol Catalog Number	FBM-10-4355
Supplier Catalog Number	10-4355
Alternative Catalog Number	FBM-10-4355-5MG,FBM-10-4355-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Lactate dehydrogenase inhibitor...
Molecular Weight	499.04
Purity	>98% by HPLC NMR (Conforms)
Form	Off-white to pale orange solid
CAS Number	[2003234-63-5]
Formula	C25H23ClN3O3S2
Application Notes	(R)-GNE-140 is a potent (IC50s: LDHA = 3 nM, LDHB = 5 nM, LDHC = 5 nM) pan-lactate dehydrogenase inhibitor. <sup>1</sup> It significantly decreased lactate levels in vivo, although the effects were transient. GNE-140 suppressed lactic acid production, severely stunted glucose utilization, and impeded the anaerobic glycolytic pathway in MDA-MB-231 triple negative breast cancer cells. <sup>2</sup>