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## Product Datasheet

### **ML-277, CAS [[516480-79-8]]**

### **FBM-10-1024**

Article Name	ML-277, CAS [[516480-79-8]]
Biozol Catalog Number	FBM-10-1024
Supplier Catalog Number	10-1024
Alternative Catalog Number	FBM-10-1024-5MG, FBM-10-1024-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	CHK2 inhibitor...
Molecular Weight	363.81
Purity	98% by TLC [50% ethyl acetate in hexanes, Rf = 0.17] NMR conforms
Form	Off-white solid
CAS Number	[516480-79-8]
Formula	C20H14ClN3O2
Application Notes	Potent selective inhibitor of Chk2 (IC50 = 15 nM). BML-277 has been screened against a panel of 35 kinases, and shows less than 25% inhibition of any other kinase at 10 µM, demonstrating the selectivity <sup>1</sup> . Also displays radioprotective activity, preventing apoptosis in human T-cells that were subjected to ionizing radiation (EC50 = 3.0 - 7.6 µM).