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## Product Datasheet

### **XI-011, CAS [[59474-01-0]]** **FBM-10-4177**

Article Name	XI-011, CAS [[59474-01-0]]
Biozol Catalog Number	FBM-10-4177
Supplier Catalog Number	10-4177
Alternative Catalog Number	FBM-10-4177-5MG,FBM-10-4177-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	p53 activator / MDM4 inhibitor...
Molecular Weight	316.85
Purity	>98% by HPLC NMR (Conforms)
Form	Yellow solid
CAS Number	[59474-01-0]
Formula	C17H16N2SHCl
Application Notes	XI-011 activates p53 by inhibiting expression of one of its negative regulators, MDM4 (MDMX). <sup>1</sup> It was able to induce apoptosis in MCF-7 breast cancer cells. XI-011 acted synergistically with cisplatin in inducing apoptosis in head and neck cancer cells. <sup>2</sup> It also induced apoptosis in several cervical cancer in vitro and in vivo. <sup>3</sup> XI-011 displayed efficacy in treating lung fibrosis in an MDM4-dependent manner. <sup>4</sup>