

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### CR8 3HCl (R), CAS [[294646-77-8]] FBM-10-5507

Article Name	CR8 3HCl (R), CAS [[294646-77-8]]
Biozol Catalog Number	FBM-10-5507
Supplier Catalog Number	10-5507
Alternative Catalog Number	FBM-10-5507-5MG,FBM-10-5507-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	CDK inhibitor...
Molecular Weight	540.91
Purity	98% by HPLC NMR (Conforms)
Form	White or off-white solid
CAS Number	[294646-77-8]
Formula	C <sub>24</sub> H <sub>29</sub> N <sub>7</sub> O 3HCl
Application Notes	Second generation analog of roscovitine which inhibits cyclin-dependent kinases with increased potency, Cdk1/cyclin B, Cdk2/cyclin A, Cdk2/cyclin E, Cdk5, p25, and Cdk9/cyclin T, IC <sub>50</sub> s=0.09, 0.072, 0.041, 0.11 and 0.18 M respectively. <sup>1,2</sup> Acts as a molecular glue degrader that depletes cyclin K. <sup>3</sup> CR8 displays neuroprotective effects in various models including traumatic brain injury. <sup>4</sup>