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Product Datasheet

CR8 3HCl (R) FBM-10-5507

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| Article Name | CR8 3HCl (R) |
| 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 ₂₄ H ₂₉ N ₇ 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 ₅₀ s=0.09, 0.072, 0.041, 0.11 and 0.18 M respectively. ^{1,2} Acts as a molecular glue degrader that depletes cyclin K. ³ CR8 displays neuroprotective effects in various models including traumatic brain injury. ⁴ |