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## Product Datasheet

### Brequinar sodium, CAS [[96201-88-6]] FBM-10-3965

Article Name	Brequinar sodium, CAS [[96201-88-6]]
Biozol Catalog Number	FBM-10-3965
Supplier Catalog Number	10-3965
Alternative Catalog Number	FBM-10-3965-10MG, FBM-10-3965-50MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Dihydroorotate dehydrogenase inhibitor, antiviral...
Molecular Weight	397.35
Purity	99% by HPLC NMR Conforms
Form	White to off-white solid
CAS Number	[96201-88-6]
Formula	C <sub>23</sub> H <sub>14</sub> F <sub>2</sub> NO <sub>2</sub> Na
Application Notes	Brequinar sodium is an inhibitor of dihydroorotate dehydrogenase (DHODH) <sup>1,2</sup> with IC <sub>50</sub> s between 0.2 and 5.8 μM in various cell lines <sup>3</sup> and 20 nM in isolated enzyme <sup>4</sup> . It reduced leukemic cell burden, decreased levels of leukemia-initiating cells, and improved survival in human and mouse models of acute myeloid leukemia. <sup>4</sup> Brequinar displayed broad antiviral activity against flaviviruses, positive-strand RNA alphaviruses, negative-strand RNA rhabdoviruses, Influenza A and B viruses, and HIV. <sup>5,6,7</sup>