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## Product Datasheet

### Montelukast sodium, CAS [[151767-02-1]] FBM-10-2597

Article Name	Montelukast sodium, CAS [[151767-02-1]]
Biozol Catalog Number	FBM-10-2597
Supplier Catalog Number	10-2597
Alternative Catalog Number	FBM-10-2597-50MG,FBM-10-2597-250MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Leukotriene CysLT1 antagonist and GPR17 antagonist...
Molecular Weight	608.17
Purity	98% by HPLC, NMR (Conforms)
Form	Solid
CAS Number	[151767-02-1]
Formula	C <sub>35</sub> H <sub>35</sub> ClNO <sub>3</sub> S Na
Application Notes	Potent, selective CysLT1 receptor (leukotriene D4) antagonist (K <sub>i</sub> = 0.18 nM). <sup>1,2</sup> Displays anti-inflammatory and anti-asthmatic effects. Clinically useful agent for treatment of chronic asthma. <sup>3</sup> Attenuates chronic brain injury after focal cerebral ischemia in rodent models. <sup>4</sup> Decreases blood brain barrier dysfunction in mouse models. <sup>5</sup> Blockade of GPR17 by montelukast elevates neural stem and progenitor proliferation. <sup>6</sup>