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## Product Datasheet

### **Probucol, CAS [[23288-49-5]] FBM-10-2679**

Artikelname	Probucol, CAS [[23288-49-5]]
Artikelnummer	FBM-10-2679
Hersteller Artikelnummer	10-2679
Alternativnummer	FBM-10-2679-1G,FBM-10-2679-10G
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Antioxidant hypercholesterolemic agent...
Molekulargewicht	516.84
Reinheit	98% by HPLC / TLC NMR (Conforms)
Formulierung	Off-white solid
CAS Nummer	[23288-49-5]
Formel	C31H48O2S2

Anwendungsbeschreibung	<p>Probucol (23288-49-5) is a unique antilipidemic drug which inhibits the oxidation of LDL cholesterol preventing the genesis of macrophage-derived foam cells and thus suppressing the formation of atherosclerotic vascular lesions.<sup>1</sup> It inhibits ABCA1-mediated cholesterol efflux without influencing scavenger receptor (class B type 1)-mediated efflux.<sup>2</sup> It enhances mitophagy and improves survival, locomotor function and dopaminergic neuron loss in zebrafish and fly models of mitochondrial damage.<sup>3</sup> It attenuates NF-<math>\kappa</math>B/NLRP3 signaling and augments Nrf-2-mediated antioxidant defense in nerve injury models.<sup>4</sup> Improves learning and memory in aging mice.<sup>5</sup> It protects neuronal cells against peroxide-induced damage and directly activates glutathione peroxidase-1.<sup>6</sup></p>
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