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## Product Datasheet

### Bupropion HCl, CAS [[31677-93-7]] FBM-10-2462

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | Bupropion HCl, CAS [[31677-93-7]]                                                                                                                                                                                                                                                                                                                                                                                                          |
| Artikelnummer            | FBM-10-2462                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Hersteller Artikelnummer | 10-2462                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Alternativnummer         | FBM-10-2462-50MG,FBM-10-2462-250MG                                                                                                                                                                                                                                                                                                                                                                                                         |
| Hersteller               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Kategorie                | Biochemikalien                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Produktbeschreibung      | Monoamine transporter inhibitor...                                                                                                                                                                                                                                                                                                                                                                                                         |
| Molekulargewicht         | 276.20                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Reinheit                 | >98% by HPLC, NMR (Conforms)                                                                                                                                                                                                                                                                                                                                                                                                               |
| Formulierung             | White solid                                                                                                                                                                                                                                                                                                                                                                                                                                |
| CAS Nummer               | [31677-93-7]                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Formel                   | C13H18ClNOHCl                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Anwendungsbeschreibung   | Clinically useful antidepressant that inhibits monoamine transporters DAT, NET, and SERT (K <sub>i</sub> s for dopamine uptake = 2.8, 1.4, 45 μM). <sup>1</sup> Also acts as a noncompetitive antagonist at nicotinic acetylcholine receptors (AChRs). <sup>2</sup> At higher concentrations (50 μM), stimulates pro-inflammatory cytokines and TLR2/TLR4 and JAK2/STAT3 in human peripheral blood mononuclear cells (PBMCs). <sup>3</sup> |