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## Product Datasheet

### **Brexpiprazole HCl, CAS [[913612-38-1]] BYT-ORB1298710**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Brexpiprazole HCl, CAS [[913612-38-1]]                                                                                                                                                                                                                        |
| Biozol Catalog Number      | BYT-ORB1298710                                                                                                                                                                                                                                                |
| Supplier Catalog Number    | orb1298710                                                                                                                                                                                                                                                    |
| Alternative Catalog Number | BYT-ORB1298710-1, BYT-ORB1298710-1, BYT-ORB1298710-10, BYT-ORB1298710-100, BYT-ORB1298710-25, BYT-ORB1298710-5, BYT-ORB1298710-50, BYT-ORB1298710-500                                                                                                         |
| Manufacturer               | Biorbyt                                                                                                                                                                                                                                                       |
| Category                   | Biochemikalien                                                                                                                                                                                                                                                |
| Product Description        | Brexpiprazole hydrochloride, also known as OPC-34712 dihydrochloride, is a novel atypical antipsychotic compound used in research. It is applied in preclinical studies for investigating schizophrenia and depression, utilizing both in vitro receptor b... |
| Molecular Weight           | 433.6                                                                                                                                                                                                                                                         |
| Purity                     | 99.05% (May vary between batches)                                                                                                                                                                                                                             |
| CAS Number                 | [913612-38-1]                                                                                                                                                                                                                                                 |
| Formula                    | C <sub>25</sub> H <sub>27</sub> N <sub>3</sub> O <sub>2</sub> S.xHCl                                                                                                                                                                                          |
| Target                     | 5-HT Receptor,Adrenergic Receptor,Dopamine Receptor,Others                                                                                                                                                                                                    |
| Application Notes          | Solubility: DMSO:27.5 mg/mL (63.42 mM)                                                                                                                                                                                                                        |