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## Product Datasheet

### ABT-418 HCl FBM-10-1470

|                            |  |
|----------------------------|--|
| Article Name               | ABT-418 HCl  |
| Biozol Catalog Number      | FBM-10-1470  |
| Supplier Catalog Number    | 10-1470  |
| Alternative Catalog Number | FBM-10-1470-5MG,FBM-10-1470-25MG   |
| Manufacturer               | Focus Biomolecules   |
| Category                   | Biochemikalien   |
| Product Description        | Nicotinic acetylcholine receptor agonist, cognition enhancer...  |
| Molecular Weight           | 202.68   |
| Purity                     | 98% by TLC, NMR (Conforms)   |
| Form                       | Tan solid  |
| CAS Number                 | [147388-83-8]  |
| Formula                    | C <sub>9</sub> H <sub>14</sub> N <sub>2</sub> O HCl  |
| Application Notes          | Agonist at neuronal nicotinic acetylcholine receptors displaying the highest potency at alpha4beta2 and alpha2beta2 subtypes (EC50= approximately 6 and 11 μM, respectively).1 Displays anxiolytic activity in a rat model and was 6-fold more potent than diazepam.2 Reduces distractibility in a primate model3 and may have relevance in attention deficit hyperactivity disorder4. Improves cognition in Alzheimers disease patients.5 |