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## Product Datasheet

### **BTC (tetrapotassium), CAS [[216453-54-2]] MCE-HY-137128**

|                            |                                                                                                                                                                                                                                                                                            |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | BTC (tetrapotassium), CAS [[216453-54-2]]                                                                                                                                                                                                                                                  |
| Biozol Catalog Number      | MCE-HY-137128                                                                                                                                                                                                                                                                              |
| Supplier Catalog Number    | HY-137128                                                                                                                                                                                                                                                                                  |
| Alternative Catalog Number | MCE-HY-137128-1MG                                                                                                                                                                                                                                                                          |
| Manufacturer               | MedchemExpress                                                                                                                                                                                                                                                                             |
| Category                   | Biochemikalien                                                                                                                                                                                                                                                                             |
| Product Description        | BTC tetrapotassium is a cell-impermeant calcium indicator ( $K_d$ approximately 7-26 $\mu\text{M}$ ) featuring many desirable properties for cellular calcium imaging, including long excitation wavelengths (400/485 nm), low sensitivity to $\text{Mg}^{2+}$ , and accuracy of ratiom... |
| Molecular Weight           | 844.02                                                                                                                                                                                                                                                                                     |
| CAS Number                 | [216453-54-2]                                                                                                                                                                                                                                                                              |
| Formula                    | $\text{C}_{33}\text{H}_{25}\text{K}_4\text{N}_3\text{O}_{12}\text{S}$                                                                                                                                                                                                                      |
| Target                     | Fluorescent Dye                                                                                                                                                                                                                                                                            |
| Application Notes          | MCE Product type: Dye Reagents                                                                                                                                                                                                                                                             |