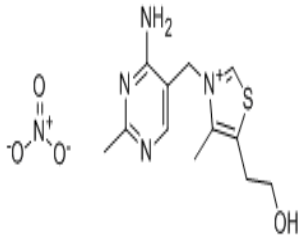


THIAMINE NITRATE

| Item | Value |
|---------------|--|
| PRODUCT NAME | Thiamine nitrate |
| PRODUCT IMAGE |  <p>The image shows the chemical structure of Thiamine Nitrate. It consists of a thiazolium ring system fused to a pyrimidine ring system. The pyrimidine ring has an amino group (-NH₂) at the 4-position and a methyl group at the 5-position. The thiazolium ring has a methyl group at the 2-position and a 2-hydroxyethyl group at the 4-position. A nitrate group (-NO₃) is attached to the thiazolium ring, shown as a nitrogen atom with a positive charge and three oxygen atoms, one of which is negatively charged.</p> |
| CAS NUMBER | 532-43-4 |
| WEIGHT | 327.36 |
| FORMULA | |
| PROPERTIES | <p>Melting point: : 196-200 ° C storage temp. : 2-8 ° C solubility : Sparingly soluble in water, freely soluble in boiling water, slightly soluble in alcohol and in methanol. form : solid pka : 4.8(at 25) Merck : 14,9295 BRN : 3857790 Stability: : Stable. Incompatible with strong oxidizing agents. CAS DataBase Reference : 532-43-4(CAS DataBase Reference) EPA Substance Registry System : Thiazolium, 3-[(4-amino-2-methyl-5-pyrimidinyl) methyl]-5-(2-hydroxyethyl)- 4-methyl-, nitrate (salt)(532-43-4)</p> |
| SAFETY | <p>Safety Statements:22-24/25 WGK Germany:1 RTECS:XI7400000 TSCA:Yes HS Code:29362200</p> |