

Technical manual of APS-5

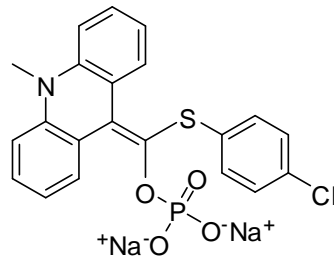
Product name: (4-氯苯巯基) (10-甲基-9,10-二氢吡啶亚甲基) 磷酸二钠盐

English name: [(4-chlorophenyl)thio](10-methyl-9(10H)-acridinylidene)methanol
1-(dihydrogen phosphate) disodium salt;

Abbreviation: Lumigen APS-5

CAS: 193884-53-6

Appearance: White or light-yellow powder



Structural formula:

Molecular formula/molecular weight: C₂₁H₁₅ClNNa₂O₄PS / 489.82

Assay: >99%(HPLC)

Storage condition: 2-8°C, Store the product in sealed, cool and dry condition, avoid light for a long time, it is recommended to keep it away from light at -20 °C

Expiration date: 1year

Usage: It is mainly used for immunoassay, such as diagnosis of tumor markers, infectious diseases, endocrine function, hormone and so on

Advantages: Fast luminescence, high intensity and good stability. In the process of chemiluminescence detection, it provides superior sensitivity and ease of use for alkaline phosphatase coupling.