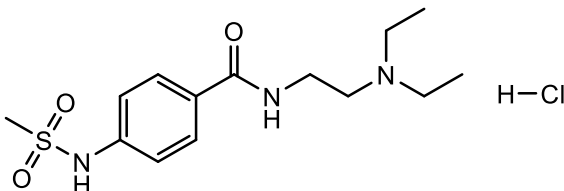




Certificate of Analysis

| | | |
|---------------------|--------------------------|--------------|
| MedKoo Cat#: | Product Name: | Lot#: |
| 526330 | Sematilide hydrochloride | A8T09K08 |

| | |
|--|---|
| Chemical name | |
| Benzamide, N-(2-(diethylamino)ethyl)-4-((methylsulfonyl)amino)-, monohydrochloride | |
| Synonyms | |
| Sematilide hydrochloride; Sematilide HCl; Sematilide hydrochloride; Sematilide; CK-1752A; CK1752A; CK 1752A; CK-1752; CK1752; CK 1752. | |
| Chemical structure | CAS# and Theoretical analysis |
|  | MedKoo Cat#: 526330 Name: Sematilide hydrochloride CAS#: 101526-62-9 (HCl) Lot#: A8T09K08 Chemical Formula: C ₁₄ H ₂₄ ClN ₃ O ₃ S Molecular Weight: 349.87 |

| Analysis item | Specifications / Results |
|---------------------------|--|
| Appearance | Off white to light yellow solid powder. |
| Structure | ¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature. |
| Purity (HPLC) | >99.0% |
| Solubility | Soluble in DMSO. |
| Conclusion | This product conforms with MedKoo's quality standards |
| Shipping condition | Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs. |
| Storage condition | Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition |
| Shelf life | At least 5 years if properly stored. |

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE