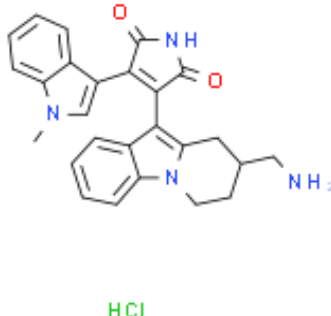


Product Data Sheet

| | | | |
|--|---|--------------|----------|
| Cas No.: | 145317-11-9 | Cat. No: | PL09905 |
| Product Name: | Bisindolylmaleimide X hydrochloride | | |
| Product synonym: | - | | |
| Chemical name: | Bisindolylmaleimide X hydrochloride | | |
| MF: | C26H25CLN4O2 | FW: | 460.9553 |
| Purity: | ≥99% | Batch No.: | - |
| Storage: | | | |
| Structural formula: | <div></div> | | |
| λmax: | - | Formulation: | - |
| Solubility : | | | |
| SMILES : | Cl[H].O=C1C(=C(C(N1)=O)C1=CN(C)C2=CC=CC=C12)C1C2=CC=CC=C2N2CCC(CN)CC2=1 | | |
| InChI Code: | - | | |
| InChI Key: | | | |
| WARNING This product is not for human or veterinary use. | | | |

Product Description

Bisindolylmaleimide X hydrochloride (BIM-X hydrochloride) 是一种有效的，选择性的蛋白激酶 C (PKC) 抑制剂。Bisindolylmaleimide X hydrochloride 也是一种有效的细胞周期蛋白依赖性激酶 2 (CDK2) 拮抗剂，IC₅₀ 为 200 nM。

| | |
|---------------------|--|
| 生物活性 | Bisindolylmaleimide X hydrochloride (BIM-X hydrochloride) is a potent and selective protein kinase C (PKC) inhibitor. Bisindolylmaleimide X hydrochloride is a potent cyclin-dependent kinase 2 (CDK2) antagonist with an IC ₅₀ of 200 nM. |
| IC50 & Target[1][2] | CDK2 200 nM (IC ₅₀) PKC |
| 体外研究(In Vitro) | Bisindolylmaleimide X hydrochloride (BIM-X hydrochloride; Ro31-8425 hydrochloride) derivatives acts as an useful tool to compare inhibitor potencies and selectivities for a target of interest. has not independently confirmed the accuracy of these methods. They are for reference only. |
| 包装储存 | 4°C, sealed storage, away from moisture and light In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light) |
| 溶解度数据 | In Vitro: DMSO : 20.83 mg/mL (45.19 mM; Need ultrasonic)H ₂ O : < 0.1 mg/mL (ultrasonic;warming;heat to 60°C) (insoluble)配制储备液 |