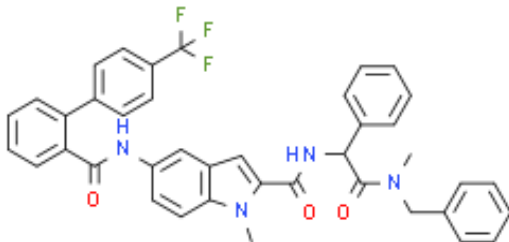


Product Data Sheet

| | | | |
|--|--|--------------|----------|
| Cas No.: | 481658-94-0 | Cat. No: | PL07178 |
| Product Name: | Dirlotapide | | |
| Product synonym: | - | | |
| Chemical name: | Dirlotapide | | |
| MF: | C40H33F3N4O3 | FW: | 674.7102 |
| Purity: | ≥99% | Batch No.: | - |
| Storage: | | | |
| Structural formula: |  | | |
| λmax: | - | Formulation: | - |
| Solubility : | | | |
| SMILES : | FC1C([H])=C([H])C(=C([H])C=1[H])C1=C([H])C([H])=C([H])C([H])=C1C(N([H])C1C([H])=C([H])C2=C(C=1[H])C([H])=C(C(N([H])[C@]([H])([H])(C(N(C([H])([H])[H])C([H])([H])C1C([H])=C([H])C([H])=C([H])C=1[H])=O)C1C([H])=C([H])C([H])=C([H])C=1[H])=O)N2C([H])([H])[H])=O)(F)F | | |
| InChI Code: | - | | |
| InChI Key: | | | |
| WARNING This product is not for human or veterinary use. | | | |

Product Description

Dirlotapide (CP742033) 是一种选择性的微粒体甘油三酯转运蛋白 (MTP) 抑制剂，可以减轻糖尿病狗的体重。

| | |
|---------------|---|
| 生物活性 | Dirlotapide (CP742033) is a gut-selective inhibitor of microsomal triglyceride transfer protein (MTP) that reliably produces weight loss in obese dogs. |
| 体内研究(In Vivo) | Dogs receiving 0.3 mg dirlotapide/kg once daily have a small but significant (P=0.018) decrease (6.16 ± 2.22%, mean ± SD) in crude fat digestibility compared with the placebo-treated food-restricted dogs, but no difference in crude protein, dry matter, or energy digestibility is observed. Dirlotapide effectively reduces appetite and energy intake without affecting nutrient digestibility, except for a minimal decrease in fat digestibility. Dirlotapide (0.5 mg/kg) results in a high rate of weight loss (3.3% weekly) and anorexia, emesis, and loose stools for some dogs. Dirlotapide produces weight loss by both reducing appetite (about 90% of the weight loss activity) and by increasing fecal fat excretion (about 10% of the weight loss activity). has not independently confirmed the accuracy of these methods. They are for refe |
| 包装储存 | Powder -20°C 3 years; 4°C 2 years |