



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-205326
Lot Number: SAMPLE
Product Name: (+)-Fluprostenol
CAS Number: 54276-17-4
Molecular Formula: $C_{23}H_{29}F_3O_6$
Molecular Weight: 458.47

| Test | Specification | Result |
|--|---|---|
| Identification (Mass Spectrometry - ESI) | M-H+: 457.4 -H ₂ O: 439.5 -CH ₂ CHOH: 413.5 -CF ₃ C ₆ H ₄ OH: 295.5 -CF ₃ C ₆ H ₄ OH, H ₂ O: 277.0 -CF ₃ C ₆ H ₄ OH, 2H ₂ O: 259.5 CF ₃ C ₆ H ₄ O-: 161.1 | M-H+: 457.4 -H ₂ O: 439.2 -CH ₂ CHOH: 413.2 -CF ₃ C ₆ H ₄ OH: 295.2 -CF ₃ C ₆ H ₄ OH, H ₂ O: 277.0 -CF ₃ C ₆ H ₄ OH, 2H ₂ O: 259.5 CF ₃ C ₆ H ₄ O-: 161.6 |
| Purity (HPLC) | > 95% | 100.0% Retention time actual.: 7.70 min |
| Purity (TLC) | > 95% | 100.00% R _f : 0.44 |
| λ_{max} 1 | 222 nm | Complies |
| λ_{max} 2 | 280 nm | 277 nm |

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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