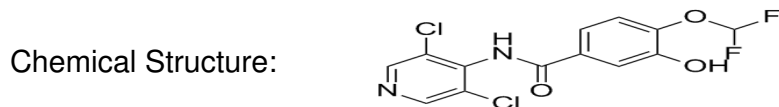


Certificate of Analysis

Product Name: Roflumilast Impurity E
Cat. No.: GC37553
Batch No.: 1
Chemical Name:

PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 1391052-76-8
Molecular Formula: $C_{13}H_8Cl_2F_2N_2O_3$
Molecular Weight: 349.12
Storage: Store at -20°C



ANALYTICAL DATA

Appearance: solid
HNMR: Consistent with structure
HPLC: Consistent with structure
Purity: >98%
Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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