

CERTIFICATE OF ANALYSIS

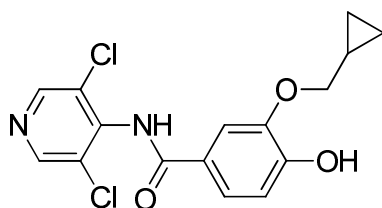
Reference Substance

Date:

Roflumilast Impurity DP-3

Batch No.

IUPAC Name: 3-(cyclopropylmethoxy)-N-(3,5-dichloropyridin-4-yl)-4-hydroxybenzamide

Molecular Formula: C₁₆H₁₄Cl₂N₂O₃

Molecular weight: 353.20/mol

Sr.#	Test	Results	Data ref.
1	Appearance	Off white Solid	-----
2	Purity by HPLC	99.80%	Chromatogram attached
3	NMR	Conform	Report attached
4	MASS	Conform	Report attached

Storage condition: Store at 2-8°C, protect from direct sunlight and moisture.

This certificate of analysis is valid for two years from date of manufacturing, provided the substance is stored under suitable conditions.

Manufacturing date:**Retest date:****Document data reference:***Prepared by**Reviewed by**Approved by*