PRODUCT INFORMATION

LXH254
Item No. 28231

CAS Registry No.: 1800398-38-2
Formal Name: N-[3-[2-(2-hydroxyethoxy)-6-(4-morpholinyl)-4-pyridinyl]-4-methylphenyl]-2-(trifluoromethyl)-4-pyridinecarboxamide
MF: C_{25}H_{25}F_{3}N_{4}O_{4}
FW: 502.5
Purity: ≥98%
UV/Vis.: λ_{max}: 250, 305 nm
Supplied as: A crystalline solid
Storage: -20°C
Stability: ≥2 years

Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

LXH254 is supplied as a crystalline solid. A stock solution may be made by dissolving the LXH254 in the solvent of choice, which should be purged with an inert gas. LXH254 is soluble in the organic solvent DMSO.

Description

LXH254 is a pan-RAF inhibitor that selectively inhibits B-RAF and C-RAF over a panel of 456 human kinases.\(^1\) It inhibits MAPK signaling in tumor cells expressing mutant B-RAF^{V600}. LXH254 induces tumor regression in various mouse xenograft models.

Reference