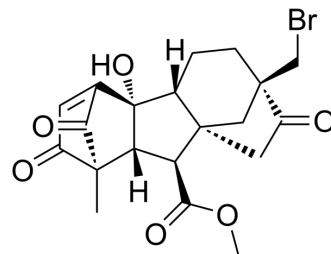


KRB-456

Cat. No.:	HY-162112
Molecular Formula:	C ₂₀ H ₂₁ BrO ₆
Molecular Weight:	437.28
Target:	Ras
Pathway:	GPCR/G Protein; MAPK/ERK Pathway
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

KRB-456 is a small molecule that binds a dynamic allosteric binding pocket within the switch-I/II region of KRAS G12D. KRB-456 inhibits P-MEK, P-AKT, and P-S6 levels in vivo and inhibits the growth of cancer. KRB-456 can be used for the research of pancreatic cancer^[1].

REFERENCES

[1]. Kazi A, et al. Discovery of KRB-456, a KRAS G12D Switch-I/II Allosteric Pocket Binder That Inhibits the Growth of Pancreatic Cancer Patient-derived Tumors. *Cancer Res Commun.* 2023 Dec 28;3(12):2623-2639.

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

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