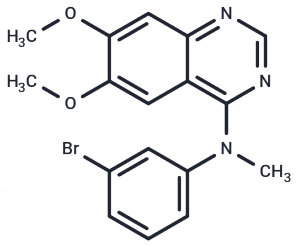
Data Sheet (Cat.No.T3558)

TargetMol

EBE-A22

Chemical Properties



CAS No. : 229476-53-3

Formula: C17H16BrN3O2

Molecular Weight: 374.23

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	EBE-A22 (PD153035 Analog 63) is a derivative of PD 153035 which can inhibit ErbB-1-phosphorylation, whereas EBE-A22 is inactive.
Targets(IC50)	EGFR
Kinase Assay	GAL-021 is dissolved in DMSO, and final assay concentration of DMSO is 0.1% or less. The effects of GAL-021 (30 μM) on a panel of 55 receptors, transporters, and ion channels are evaluated using radioligand binding analyses. Potential kinase inhibition by GAL-021 (10 μM) is assessed using the Kinase HotSpot Screen where activity of 50 kinases is measured in the presence of adenosine triphosphate (10 μM)[1].

Solubility Information

Solubility	DMSO: 4.12 mg/mL (11.01 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6722 mL	13.3608 mL	26.7215 mL
5 mM	0.5344 mL	2.6722 mL	5.3443 mL
10 mM	0.2672 mL	1.3361 mL	2.6722 mL
50 mM	0.0534 mL	0.2672 mL	0.5344 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Goossens JF, et al. DNA interaction of the tyrosine protein kinase inhibitor PD153035 and its N-methyl analogue. Biochemistry. 2001 Apr 17;40(15):4663-71.

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