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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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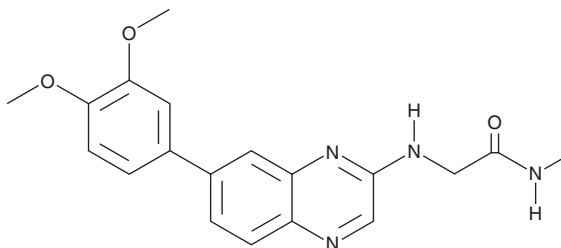
PRODUCT INFORMATION



BQR-695

Item No. 27482

CAS Registry No.: 1513879-21-4
Formal Name: 2-[[7-(3,4-dimethoxyphenyl)-2-quinoxaliny]amino]-N-methyl-acetamide
MF: $C_{19}H_{20}N_4O_3$
FW: 352.4
Purity: $\geq 98\%$
Supplied as: A 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

BQR-695 is supplied as a solid. A stock solution may be made by dissolving the BQR-695 in the solvent of choice, which should be purged with an inert gas. BQR-695 is soluble in the organic solvent DMSO.

Description

BQR-695 is an antimalarial compound.¹ It inhibits recombinant *P. vivax* and human phosphatidylinositol 4-kinase (PI4K; IC_{50} s = 3.5 and 90 nM, respectively). BQR-695 induces schizont-stage arrest and death of *P. falciparum* (IC_{50} = ~70 nM) without inducing cytotoxicity in mature red blood cells (RBCs).

Reference

1. McNamara, C.W., Lee, M.C., Lim, C.S., et al. Targeting Plasmodium phosphatidylinositol 4-kinase to eliminate malaria. *Nature* **504(7479)**, 248-253 (2013).

WARNING

THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA

This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the [complete](#) Safety Data Sheet, which has been sent via email to your institution.

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