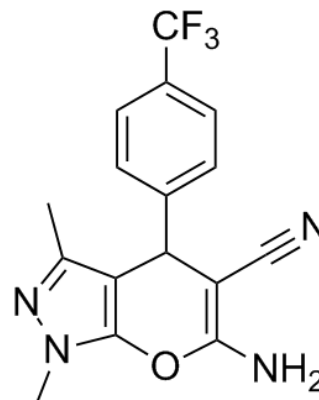


Product Name : BQU57
Cat. No. : PC-43278
CAS No. : 1637739-82-2
Molecular Formula : C₁₆H₁₃F₃N₄O
Molecular Weight : 334.2958
Target : Small GTPase
Solubility : DMSO: ≥ 36 mg/mL



Biological Activity

BQU57 is a specific small molecule inhibitor of **GTPase Ral**, inhibits both **RalA** and **RalB** activation and colony formation of Ral-dependent lines H2122 and H358 in soft agar with IC₅₀ of 2.0 and 1.3 μM, respectively.

BQU57 acts specifically through the GDP-bound form of Ral proteins, RalAG23V or RalBG23V, mitigates inhibition of H2122 and H358 cell growth.

BQU57 shows selectivity for Ral relative to Ras or Rho and inhibits xenograft tumor growth similar to depletion of Ral by siRNA.

References

Yan C, et al. *Nature*. 2014 Nov 20;515(7527):443-7.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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