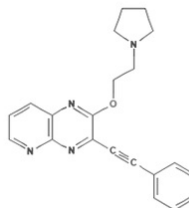


Product Name	: GK921
Synonyms	: GK921; GK-921; GK 921
Cat No.	: M17119
CAS Number	: 1025015-40-0
Molecular Formula	: C ₂₁ H ₂₀ N ₄ O
Formula Weight	: 344.42
Chemical Name	: 3-(phenylethynyl)-2-(2-(pyrrolidin-1-yl)ethoxy)pyrido[2,3-b]pyrazine
Description	: GK921 is a transglutaminase 2 (TGase 2) inhibitor. GK921 showed cytotoxicity to RCC (average GI ₅₀ in eight RCC cell lines: 0.905 μM). A single treatment with GK921 almost completely reduced tumor growth by stabilizing p53 in the ACHN and CAKI-1 preclinical xenograft tumor models. TGase 2 inhibitor GK921 abrogates RCC growth in xenograft tumor models, suggesting the possibility of a new therapeutic approach to RCC.
Pathway	: Others
Target	: Other Targets
Receptor	: TGase
Solubility	: DMSO : ≥ 30 mg/mL 87.11 mM
SMILES	: C1CCN(C1)CCOc1c(nc2c(n1)cccn2)C#Cc1ccccc1
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Ku BM, et al. Transglutaminase 2 inhibitor abrogates renal cell carcinoma in xenograft models. J Cancer Res Clin Oncol. 2014 May;140(5):757-67.