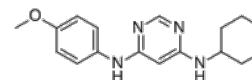


**Product Name** : VUT-MK142  
**Cat. No.** : PC-63220  
**CAS No.** : 1313491-22-3  
**Molecular Formula** : C<sub>17</sub>H<sub>22</sub>N<sub>4</sub>O  
**Molecular Weight** : 298.39  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



## Biological Activity

VUT-MK142 is a **cardiomyogenic** small molecule promoting the differentiation of pre-cardiac mesoderm into cardiomyocytes, shows superior cardiomyogenic activity over cardiogenol C.

VUT-MK142 exhibits promising cardiomyogenic effects on cells of various types, upregulates the expression of ANF, as well as the expression of the cardiac key transcription factor Nkx2.5.

## References

Koley M, et al. *Medchemcomm.* 2013 Aug 1;4(8):1189-1195.

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

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