anti-Nipah: A QSAR based prediction method to identify the inhibitors against Nipah virus

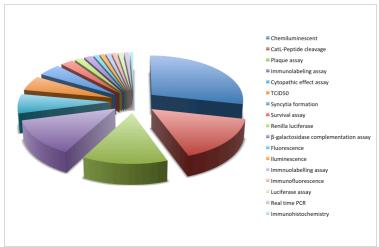
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Supplementary Figure S1. Frequency distribution of assays used to check the inhibition of anti-Nipah compounds

Supplementary Figure S2. The principal component of the antiviral and non-antiviral compounds or drugs against NiV. The red spheres (left) represent active compounds and green spheres (right) represent non-active compounds against NiV

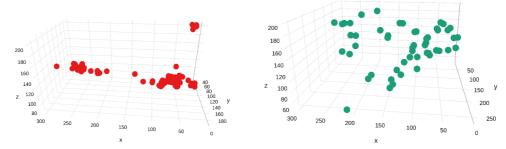
Supplemenatry Table S1. Details of the most relevant descriptors extracted from mRMR feature selection algorithm and used for prediction model development



Supplementary Figure S1. Frequency distribution of assays used to check the inhibition of anti-Nipah compounds

[#] Equal contributions

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Supplementary Figure S2. The principal component of the antiviral and non-antiviral compounds or drugs against NiV. The red spheres (left) represent active compounds and green spheres (right) represent non-active compounds against NiV.

Supplementary Table S1. Details of the most relevant descriptors extracted from mRMR feature selection algorithm and used for prediction model development

Descriptor	Descriptor		
Name	Туре	Description	
	6	Fingerprint of length 1024 and search depth	
FP502	CDK fingerprint	of 8	
		Fingerprint of length 1024 and search depth	
FP169	CDK fingerprint	of 8	
KRFP4293	Klekota-Roth fingerprint	Presence of chemical substructures	
FP265	CDK fingerprint	Fingerprint of length 1024 and search depth of 8	
		Fingerprint of length 1024 and search depth	
FP644	CDK fingerprint	of 8	
		Specialized version of the Fingerprinter	
0.4705	654	which does not take bond orders into	
GATS5e	CDK graph only fingerprint	account	
	CDK graph only fingerprint	Consistent various of the Figuresister	
	Specialized version of the Fingerprinter which does not	Specialized version of the Fingerprinter which does not take bond orders into	
GraphFP87	take bond orders into account	account	
Отарін Рол	take bond orders into account	Fingerprint of length 1024 and search depth	
FP731	CDK fingerprint	of 8	
nsssN	2D	Atom type electrotopological state	
		Extends the Fingerprinter with additional	
ExtFP308	CDK extended fingerprint	bits describing ring features	
		Fingerprint of length 1024 and search depth	
FP490	CDK fingerprint	of 8	
		Extends the Fingerprinter with additional	
ExtFP857	CDK extended fingerprint	bits describing ring features	
		Fingerprint of length 1024 and search depth	
FP626	CDK fingerprint	of 8	
	CDK graph only fingerprint		
	Specialized version of the	Specialized version of the Fingerprinter	
GraphFP10	Fingerprinter which does not	which does not take bond orders into	
1	take bond orders into account	account	

		Fingerprint of length 1024 and search depth
FP541	CDK fingerprint	of 8
PubchemFP		
824	Pubchem fingerprint	Pubchem fingerprint
		Fingerprint of length 1024 and search depth
FP551	CDK fingerprint	of 8
	CDK graph only fingerprint	
	Specialized version of the	Specialized version of the Fingerprinter
GraphFP98	Fingerprinter which does not	which does not take bond orders into
0	take bond orders into account	account
		Extends the Fingerprinter with additional
ExtFP666	CDK extended fingerprint	bits describing ring features
		Fingerprint of length 1024 and search depth
FP172	CDK fingerprint	of 8