Staking Precompile

Address :0x0000000000000000000000000000000000001005

This precompile allows EVM contracts to interact with Sei's staking module, enabling functionalities such as delegating tokens, querying validators, and more.

Functions

Transactions

- delegate
- : Allows a user to delegate a specified amount of tokens to a validator
- /// Delegates Sei to the specified validator.
- ///
- @param
- valAddress The Sei address of the validator.
- ///
- @return
- Whether the delegation was successful.
- function
- delegate
- (
- string
- memory
- valAddress
- ,
-)
- payable
- external
- returns
- (
- bool
- success);
- redelegate
- : Enables the redelegation of tokens from one validator to another
- /// Redelegates Sei from one validator to another.
- ///
- @param
- srcAddress The Sei address of the validator to move delegations from.
- ///
- @param
- dstAddress The Sei address of the validator to move delegations to.
- ///
- @param
- amount The amount of Sei to move from srcAddress to dstAddress.
- ///
- @return
- Whether the redelegation was successful.
- function
- redelegate
- (
- string
- memory
- srcAddress
- ,
- string
- memory
- dstAddress
- ,
- uint256
- amount
-)
- external
- returns
- (
- bool

- success);
- undelegate
- : Provides the functionality for a user to withdraw a specified amount of tokens from a validator
- /// Undelegates Sei from the specified validator.
- ///
- @param
- valAddress The Sei address of the validator to undelegate from.
- ///
- @param
- amount The amount of Sei to undelegate.
- ///
- @return
- Whether the undelegation was successful.
- function
- undelegate
- (
- string
- memory
- valAddress
- ,
- uint256
- amount
-)
- external
- returns
- (
- bool
- success);

View the Staking precompile source code and the contract ABhere(opens in a new tab) . Last updated onJune 3, 2024
Pointerview Pointer Contracts